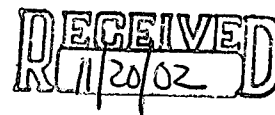


ROBERTSON, FREILICH, BRUNO & COHEN, L.L.C.

COUNSELLORS AT LAW
ONE RIVERFRONT PLAZA, 4TH FLOOR
NEWARK, NEW JERSEY 07102
TELEPHONE (973) 848-2100
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Writer's Direct Line: (973) 848-2105
Writer's e-mail: ifreilich@rfbclaw.com

File # 0216-0001

November 19, 2002

VIA FEDERAL EXPRESS

United States Environmental Protection Agency
Region II
Emergency and Remedial Response Division
290 Broadway 19th Floor
New York, New York 10007-1866

Attn: Seth Ausubel; Remedial Project Manager

**Re: Request for Information Pursuant to CERCLA re: the Berry's Creek
Study Area**

We are herewith submitting the responses of Electro-Miniatures Corporation to the CERCLA Section 104(e) request for information regarding the Berry's Creek Study Area, together with a copy of the documents requested.

The enclosed responses and documents are being submitted at this time as a result of the brief extension of time received from Clay Monroe, who agreed that Electro-Miniatures Corporation would have until November 20, 2002 to submit its responses.

A copy of the response is also being sent directly to Clay Monroe. Should there be any questions regarding this submission, please feel free to contact me directly.

Very truly yours,

IRVIN M. FREILICH

IMF:lia
Enclosures

cc: Clay Monroe; Asst. Regional Council (w/encl.)



REQUEST FOR INFORMATION

1. a. State the correct legal name and mailing address of your Company.

**RESPONSE: Electro-Miniatures Corporation
68 W. Commercial Avenue
Moonachie, New Jersey 07074**

- b. Identify the legal status of your Company (corporation, partnership, sole proprietorship, specify if other) and the state in which your Company was organized or formed.

RESPONSE: A corporation organized under the laws of Delaware

- c. State the name(s) and address(es) of the President, Chairman of the Board, and the Chief Executive Officer of your Company.

RESPONSE: Mark Pollack, President and CEO, 305 High Road, River Vale, New Jersey 07675

- d. If your Company is a subsidiary or affiliate of another corporation, or has subsidiaries, identify each such entity and its relationship to your Company, and state the name(s) and address(es) of each such entity's President, Chairman of the Board, and Chief Executive Officer.

**RESPONSE: Jamark Manufacturing (Subsidiary)
69 Anderson Avenue
Moonachie, New Jersey 07074
Mark Pollack, President and CEO**

- e. Identify the state and date of incorporation and the agent for service of process in the state of incorporation and in the state of New Jersey for your Company and for each entity identified in your response to question 1.d., above.

RESPONSE: Electro-Miniatures Corporation was incorporated in February of 1974. CT Corporation is the agent for service of process. Jamark Manufacturing was incorporated in 1998 and Mark Pollack is the agent for service of process.

- f. If your Company is a successor to, or has been succeeded by another entity, identify such other entity and provide the same information requested in question 1.e., above.

RESPONSE: Jamark Manufacturing is the successor to F&G Manufacturing. F&G Manufacturing was incorporated in May of 1976, and was merged in to Jamark Manufacturing in February of 1999.

2. Provide a description of the Site. i.e. the property or properties in Moonachie, Bergen County, New Jersey, which your Company owned or owns, or upon which it operated or leased, or currently operates or leases. Include Block and Lot numbers, names of streets or physical features bounding the property(ies), and acreage.

RESPONSE: EMC and Jamark lease the premises located on the site Block 66, Lot 6, Borough of Moonachie. The site is approximately 1 acre and is bound by West Commercial Avenue. (Christiana Street) to the south and Anderson Avenue to the North.

3. Provide a narrative description of the nature of the Company's business. If the nature of the Company's business changed over time, please explain how it changed, (including any name changes) and approximately when the changes occurred.

RESPONSE: Electro-Miniatures and it's subsidiary are engaged in the design and manufacture of rotating electrical contacts known as slip ring assemblies. These devices consist of a series of rings (rotating) and associated brush contacts (stationary) which allow the transfer of electrical signal and/or power through a continuously rotating (360°) interface. They are used in military, industrial, aerospace and commercial applications where specialized contact arrangements are required (i.e., turrets, pedestal, machinery, platforms, arrays, etc.). This is the only product line currently or previously manufactured. (See corporate brochure enclosed).

4. Please specify the time period during which the Company leased, owned, and/or operated the Site. If the Company leased, owned or operated at portions of the Site, specify the time periods of such involvement, and appropriate block and lot numbers. If your Company ever leased the Site, provide copies of leases, names, current addresses and telephone numbers of each owner of the Site during the period the Company leased the Site.

RESPONSE: The Company has leased the premises as described in response to Request No. 2 since mid 1978. The property is owned by Jazz Realty, 305 High Road, River Vale, New Jersey 07675. Previously, the property was owned by A.Y. Realty.

5. Describe the Site at the time the Company took possession of it. If there was any business at the Site, explain the nature of that business.

RESPONSE: At initial move in, the current building was on the site. The building was in good condition and the interior was renovated to include offices, shop floor, quality area and clean room facilities. Previous tenant was a bulk mail distributor.

6. Describe in detail the nature of the activities conducted by the Company at the Site from the time the Company began operations at the Site until the present time, including:

RESPONSE: The Company and its subsidiaries have always designed and manufactured slip ring assemblies at the facility located in Moonachie. The activities involved in manufacture include various design, assembly, machining, finishing and testing operations. (1978-2002). Various plastics and epoxies are used in the casting and molding operations. EMC also maintains a small precious metals plating operation as well as a paint spray booth.

- a. the services performed at the Site;
 - b. all products which the Company manufactured, supplied, or sold which resulted from activities at the Site;
 - c. research and development activities; and
 - d. the time period during which those activities occurred.
7. Did your Company cease operations at the Site? If so, when? Describe the circumstances that precipitated your Company's decision to cease operations at the Site.

RESPONSE: No.

8. Did your company generate hazardous wastes at the Site, or does your company currently do so? Please describe your company's treatment, storage and/or disposal practices for any hazardous wastes generated at the Site.

RESPONSE: Limited quantities of hazardous wastes have been and currently are generated at the site. Treatment, storage and disposal procedures are attached.

9. Provide a list of all local, state and federal environmental permits ever granted for the Site or any part thereof (e.g., RCRA permits, NPDES permits, etc.)

RESPONSE: Local and State Permits:

Hazardous material offsite disposal ID No. NJD069298602
NJDEP air pollution equipment/stack paint booth ventilation No.
104500
BCUA industrial wastewater discharge permit No. 0065

10. List all hazardous substances (as defined in the "Instructions"), which were, or are, used, stored, or handled at the Site.

RESPONSE: List attached.

11. State when and where each substance identified in your response to Question 10 was, or is, used, stored, or handled at the Site and the volume of each substance.

RESPONSE: List attached.

12. Describe in detail how and where the hazardous wastes, industrial wastes, and hazardous substances generated, handled, treated, and stored at the Site were, or are, disposed of. If any hazardous wastes, hazardous substances, or industrial wastes were, or are, taken off-site for disposal or treatment, state the names and addresses of the transporters and the disposal facility used.

RESPONSE: See response to Request No. 8 and the attached document referred to for treatment, storage and disposal procedures. See attached documents for off-site disposal/treatment information.

Transporter Information:

1. Freehold Carting Inc.
P.O. Box 5010
825 Route 33
Freehold, New Jersey 07728
(732) 462-1001
2. Amber Environmental Service (Radiac Research)
30 Harvard Trail
Hopatcong, New Jersey 07843
(973) 770-9233
3. S & W Waste Inc.
115 Jacobus Avenue
Kearny, New Jersey 07032
(201) 344-4004

13. Who determined, or determines, where to treat, store, and/or dispose of the hazardous substances and/or hazardous wastes handled at the Site? Provide the names and current or last known addresses of any entities or individuals which made such determination.

RESPONSE: Mark Pollack – President
305 High Road
River Vale, New Jersey 07675

**Jamie Pollack – Purchasing
305 High Road
River Vale, New Jersey 07675**

**Marvin Wrenn – General Manager
229 Central Avenue
Hasbrouck Heights, New Jersey 07604**

**Kenneth McCue – Quality Manger
900 Quinton Avenue
Roebbling, New Jersey 08554**

**Darel Wrenn – Shipping Manager
229 Central Avenue
Hasbrouck Heights, New Jersey 07604**

14. Describe in detail the remedial activities conducted at the Site under CERCLA, the Resource Conservation and Recovery Act (RCRA), and/or laws of the State of New Jersey. Describe your Company's involvement in the remedial activities.

RESPONSE: There have been no remedial activities conducted at the site.

15. Identify all leaks, spills, or releases into the environment of any hazardous substances, pollutants, or contaminants that have occurred, or are occurring, at or from the Site. Specifically identify and address any leaks, spills, or releases to the Berry's Creek Study Area. Identify:

RESPONSE: EMC is not aware of any leaks, spills or releases into the environment of any hazardous substances, pollutants or contaminants that have occurred, or are occurring at the site. However, in May of 1996, the Bergen County Utilities Authority detected a high copper reading in our waste water sample. This was a release to the sanitary sewer line. Moreover, this was a one-time occurrence and was highly suspect. The results were never duplicated in prior or subsequent sampling. Although the violation was disputed, the Company paid the minimum fine and no further discrepancies were detected. Copies of all related documents are included herein for your review.

- a. when such releases occurred;
- b. how the releases occurred;
- c. the amount of each hazardous substances, pollutants, or contaminants so released (for substances contained in any sewage effluent from the Site, provide discharge monitoring reports or other data indicating discharge concentrations and loads, as available);
- d. where such releases occurred;

- e. where such releases entered the Berry's Creek Study Area, if applicable. and
 - f. the pathway by which such releases entered the Berry's Creek Study Area, including any storm sewers, pipes, or other conveyances discharging to a water body or wetland; or via surface runoff, groundwater discharge, or any spills, leaks, or disposal activities.
16. Please complete the form on page 5, below. Indicate on the form whether each of the chemicals listed has ever been released from the Site to the Berry's Creek Study Area, including creeks, ditches, or other water bodies, or wetlands. Follow all additional instructions on the form. In addition, please answer Question 15, above, specifically addressing any chemicals for which you answered "yes".

RESPONSE: Form enclosed (Page No. 5 regarding releases to Berry Creek).

17. Identify all companies, firms, facilities, and individuals (hereafter referred to as "customers") from whom your Company obtained, or obtains, materials containing Industrial Waste as defined in Number 6 of the Definitions and whose Industrial Waste was, or is, treated, stored, handled or disposed of at the Site. For each such customer:

RESPONSE: None.

- a. Describe the relationship (the nature of services rendered and products purchased or sold) between your Company and the customer;
 - b. Provide Copies of any agreements or/and contracts between your Company and the customer;
 - c. Provide the name and address of each customer who sent such materials, including contact person(s) within said customer;
 - d. Provide shipping and transaction records pertaining to such Industrial Wastes sent by each customer, including but not limited to invoices, delivery receipts, receipts acknowledging payment, ledgers reflecting receipt of payment, bills of lading, weight tickets, and purchase orders; and
 - e. Provide the name and address of all companies and individuals who transported, or transport, Industrial Wastes to the Site.
18. For each customers' Industrial Wastes handled, treated, stored, or disposed of at the Site, describe:

RESPONSE: None.

- i. the volume;
- ii. the nature;
- iii. chemical composition;
- iv. color;

- v. smell;
- vi. physical state (e.g., solid, liquid);
- vii. any other distinctive characteristics; and
- viii. the years during which each customer's materials were handled, treated, stored, or disposed of at the Site.

19. Please supply any additional information or documents that may be relevant or useful to identify other companies or sources that sent industrial wastes to the Site.

RESPONSE: None.

20. Please state the name, title and address of each individual who assisted or was consulted in the preparation of your response to this Request for Information and correlate each individual to the question on which he or she was consulted.

RESPONSE: See response to Request No. 13.

21. For each question herein, identify all documents consulted, examined, or referred to in the preparation of the answer or that contain information responsive to the question and provide true and accurate copies of all such documents.

RESPONSE: See documents attached.

Request for Information Regarding Chemical Releases to the Berry's Creek Study Area

* * *

Instructions: As instructed in Question 16, please complete this form by marking the appropriate spaces. Indicate whether each of the chemicals listed has ever been released from the Site to the Berry's Creek Study Area, including creeks, ditches, or other water bodies, or wetlands. Follow additional instructions below. Return the completed form along with your other responses to the Request for Information in the Matter of the Berry's Creek Study Area, Bergen County, New Jersey. N/A signifies no information available.

	Yes	No	N/A
acenaphthene		X	
acenaphthylene		X	
anthracene		X	
aluminum		X	
antimony		X	
arsenic		X	
benz(a)anthracene		X	
benzene		X	
benzo(a)pyrene		X	
benzo(b)fluoranthene		X	
benzo(g,h,i)perylene		X	
benzo(k)fluoranthene		X	
bis(2-ethylhexyl)phthalate		X	
butyl benzyl phthalate		X	
cadmium		X	
chlorinated dibenzo-p-dioxins (if "yes", please list specific dioxin compounds on a separate sheet)		X	
chlorinated dibenzofurans (if "yes", please list specific compounds on a separate sheet)			
chlorobenzene		X	
chloroform		X	
chromium		X	
chrysene		X	
copper		X	
cyanide		X	
dibenz(a,h)anthracene		X	
dichlorobenzene		X	
1,2-dichloroethene		X	
di-n-butyl phthalate		X	
1,2-dichlorobenzene		X	
1,2-dichloroethane		X	
dieldrin		X	
di-n-octyl phthalate		X	
ethylbenzene		X	
fluoranthene		X	

	Yes	No	N/A
fluorene		X	
hexachlorobenzene		X	
indeno(1,2,3-cd)pyrene		X	
lead		X	
manganese		X	
mercury		X	
methylene chloride		X	
methyl ethyl ketone		X	
methyl mercury		X	
2-methylnaphthalene		X	
naphthalene		X	
nickel		X	
pentachlorophenol		X	
petroleum hydrocarbons		X	
phenanthrene		X	
phenol		X	
polychlorinated biphenyls (if "yes" please list specific congeners and aroclors on a separate sheet)		X	
polycyclic aromatic hydrocarbons (if "yes", please list specific compounds on a separate sheet, if not listed on this page)		X	
pyrene		X	
selenium		X	
silver		X	
1,1,2,2-tetrachloroethane		X	
tetrachloroethylene		X	
thallium		X	
toluene		X	
1,2-trans dichloroethylene		X	
1,1,1-trichloroethane		X	
trichloroethylene		X	
vinyl chloride		X	
xylene		X	
zinc		X	

MARK POLLACK

Name of person completing form

ELECTRO-MINATURES

Company

MOONACHIE BOROUGH Block 16 Lot 6

Site (as defined in the "Instructions")

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION

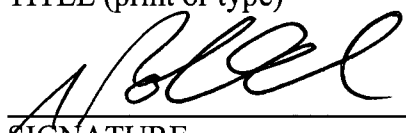
State of NEW JERSEY

County of BERGEN:

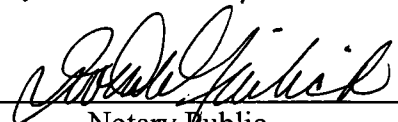
I certify that under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment. I am also aware that my company is under a continuing obligation to supplement its response to EPA's Request for Information if any additional information relevant to the matters addressed in EPA's Request for Information or the company's response thereto should become known or available to the company.

MARK POLLACK
NAME (print or type)

PRESIDENT
TITLE (print or type)


SIGNATURE

Sworn to before me this 19th
day of November, 2002


Notary Public
Attorney at Law of the
State of New Jersey

EPOXIES, MOLDING, ADHESIVES

HAZARDOUS SUBSTANCE	CAS NUMBER	MANUFACTURER	DESCRIPTION	CERCLA HAZARD	40 CFR 302 LISTING	WHERE USED	USED HANDLED	HOW STORED	WHERE STORED	QTY (LB/GAL)	STATUS
SILICA, CRYSTALLINE TETRABROMOBISPHENOL A	682-01-9	DOW CORNING	3110 RTV SILICONE ELASTOMER	NONE						<100	
	NOT ASSIGNED	FIBERITE	E9405 BLACK MOLDING COMPOUND	NONE						<100	
	12001-26-2	FIBERITE	E9405 BLACK MOLDING COMPOUND	NONE						<100	
	14808-60-7	FIBERITE	E9405 BLACK MOLDING COMPOUND	NONE						<100	
	79-94-7	FIBERITE	E9405 BLACK MOLDING COMPOUND	NONE						<100	
CYCLOALIPHATIC AMINE		DOW CORNING	F CATALYST	NONE						<100	
	1761-71-3	SOLAR COMPOUNDS CORP.	SOLARCURE 2		NO					<100	
DIGLYCIDYL ETHER OF BISPHENOL A	1675-54-3	SOLAR COMPOUNDS CORP.	SOLAR LN-0482-1 A	NONE	NO					<100	
EPOXY RESIN	25085-99-8	SOLAR COMPOUNDS CORP.	SOLAR LN-0482-2 A	NONE	NO					<100	
EPOXY RESIN	25068-38-6	SOLAR COMPOUNDS CORP.	SOLAR LN-0468-1 A	NONE	NO					<100	
EPOXY RESIN	25068-38-6	SHELL	EPON (R) RESIN 828	NONE	NO					<100	
EPOXY RESIN	25068-38-6	3M	2216 EPOXY A	NONE	NO					<100	
XYLENE	1330-20-7	INSL-X PRODUCTS CORP.	CLEAR ACTIVATOR (NORFOLK PAINT)	YES	YES	CASTING	PROC.	METAL CANS	STOCKROOM	<100	ACTIVE
HOMOPOLYMER OF IPDI	53860-05-10	INSL-X PRODUCTS CORP.	CLEAR ACTIVATOR (NORFOLK PAINT)	NONE	YES					<100	
MAGNESIUM SILICATE HYDRATE	14807-96-6	MILLER-STEPHENSON	EPOXY 907 PART A	NONE	NO					<100	
EPICHLOROHYDRIN (<.1%) DIETHYLENETRIAMINE BISPHENOL A BUTYL GLYCIDYL ETHER KAOLIN	106-89-8	MILLER-STEPHENSON	EPOXY 907 PART A	YES	YES	PRODUCTION	POTTING PROC.	METAL TUBES	STOCKROOM	<100	ACTIVE
	111-40-0	SHELL	EPI-CURE 3282 CURING AGENT	NONE	NO					<100	
	80-05-7	SHELL	EPI-CURE 3282 CURING AGENT	NONE	NO					<100	
	2426-08-6	SHELL	EPI-CURE 3282 CURING AGENT	NONE	NO					<100	
	1332-58-7	3M	2216 EPOXY A	NONE	NO					<100	
	25852-47-5	LOCKTITE		NONE	NO					<100	
ETHYLBENZINE	100-41-4	SHEWIN-WILLIAMS CO	PAINT PRIMER: EPOXY MIL-P-23377G-1-C1.C (PART B)	YES	YES	PAINTING	PAINTING PROC.	METAL CANS	STOCKROOM	<100	ACTIVE
METHYL ISOBUTYL KEYTONE	108-10-1	SHEWIN-WILLIAMS CO	PAINT PRIMER: EPOXY MIL-P-23377G-1-C1.C (PART B)	YES	YES	PAINTING	PAINTING PROC.	METAL CANS	STOCKROOM	<100	ACTIVE
XYLENE	1330-20-7	INSL-X PRODUCTS CORP.	POLYAMIDE EPOXY RESIN # BEP50BG	YES	YES	CASTING	CASTING PROC.	METAL CANS	STOCKROOM	<100	ACTIVE
		3-M	SCOTCHWELD DP 110 EPOXY PART A	YES	YES	PRODUCTION	POTTING PROC.	PLASTIC CONT.	STOCKROOM	<100	ACTIVE
		3-M	SCOTCHWELD DP 110 EPOXY PART B	NONE	NO					<100	
		AMERICAN SAFETY TECHNOLOGIES	INSULCURE 11B	NONE	NO					<100	
DIURON		RH CARLSON	NORCAST 141	NONE	NO					<100	
	330-54-1	EMERSON & CUMING	ECCOBOND 281 BLACK							<100	
ANTIMONY TRIOXIDE	1309-64-4	ROGERS CORP.	DIALLYL PHTHALATE MOLDING COMPOUND	YES	YES	MOLDING	MOLDING PROC.	PLASTIC CONT.	FREEZER	<100	INACTIVE / NO STOCK
PHENOL	108-95-2	ROGERS CORP.	E9405 BLACK MOLDING COMPOUND	YES	YES	MOLDING	MOLDING PROC.	PLASTIC CONT.	FREEZER	<100	ACTIVE

11/12/02

ELECTRO MINIATURES CORPORATION

LIST OF HAZARDOUS MATERIAL

2

EPOXIES, MOLDING, ADHESIVES
(CONT)

HAZARDOUS SUBSTANCE	CAS NUMBER	MANUFACTURER	DESCRIPTION	CERCLA HAZARD	40 CFR 302 LISTING	WHERE USED	USED HANDLED	HOW STORED	WHERE STORED	QTY (LB/GAL)	STATUS
		AMERICAN SAFETY TECHNOLOGIES	INSULCAST 3256 HV A	NONE	NO					<100	
4,4'-METHYLENE DIANILINE	101-77-9	UNIROYAL	TONOX 22 (MDA)	YES	YES	CASTING	CASTING PROC.	METAL CONT.	STOCKROOM	<100	ACTIVE
PHENOL	108-95-2	SHELL	EPON CURING AGENT (R) U	YES	YES	CASTING	CASTING PROC.	METAL CONT.	STOCKROOM	<100	INACTIVE /
		WILCOX-SLIDDERS	PERMABOND 910 ADHESIVE	NONE	NO					<100	NO STOCK
		LANDMARK	EPOXY DISPERSION NATURAL	NONE	NO					<100	
4,4'-METHYLENE DIANILINE	101-77-9	RH CARLSON	NORCURE 135	YES	YES	CASTING	CASTING PROC.	METAL CONT.	STOCKROOM	<100	INACTIVE /
		SHELL	EPON CURING AGENT (R) V-40	NONE	NO					<100	NO STOCK
		DOW CHEMICAL	D.E.N. (R) 438 EPOXY NOVAC	NONE	NO					<100	
		PACIFIC ANCHOR (MSDS FROM 1985)	ANCAMINE K-61-B EPOXY RESIN HARDENER	NONE	NO					<100	
		DOW CORNING	93-500 SPACE GRADE ENCAPSULANT, BASE	NONE	NO					<100	
		DOW CORNING	93-500 SPACE GRADE ENCAPSULANT, CURING AGENT	NONE	NO					<100	
		GE SILICONES	RTV 11	NONE	NO					<100	
XZYLENE	1330-20-7	DOW CORNING	994 VARNISH	YES	YES	PRODUCTION	POTTING PROC.	PLASTIC CONT.	FREEZER	<100	INACTIVE /
BENZENE	71-43-2	DOW CORNING	994 VARNISH	YES	YES	PRODUCTION	POTTING PROC.	PLASTIC CONT.	FREEZER	<100	INACTIVE /
		DOW CORNING	HS II RTV BASE	NONE	NO					<100	NO STOCK
		DOW CORNING	HS II RTV CATALYST	NONE	NO					<100	
TRICLOROFLUORMETHANE	75-69-4	MILLER-STEPHENSON	MS 122 FLUOROCARBON RELEASE AGENT	YES	YES	MOLDING	MOLDING PROC.	METAL CANS	STOCKROOM	<100	INACTIVE /
PHENOL	108-95-2	ROGERS CORP.	EPIALL 1904-B EPOXY MOLDING COMPOUND	YES	YES	MOLDING	MOLDING PROC.	PLASTIC CONT.	FREEZER	<100	ACTIVE
EPICHLOROHYDRIN	106-89-8	ROGERS CORP.	EPIALL 1904-B EPOXY MOLDING COMPOUND	YES	YES	MOLDING	MOLDING PROC.	PLASTIC CONT.	FREEZER	<100	ACTIVE
		PERMATEX INDUSTRIAL CORP.	SILICONE BLUE RTV GASKET MAKER	NONE	NO					<100	
		DOW CORNING	SLYGARD 170 FAST CURE SLICONE ELASTOMER, PART A	NONE	NO					<100	
		DOW CORNING	SLYGARD 170 FAST CURE SLICONE ELASTOMER, PART B	NONE	NO					<100	
		DEXTOR ELECTRONIC MATERIALS	HYSOL AC5193 EPOXY RESIN	NONE	NO					<100	
		DEXTOR ELECTRONIC MATERIALS	HYSOL RE2039 EPOXY RESIN	NONE	NO					<100	
		BUEHLER LTD	EPO-KWICK RESIN EPOXY	NONE	NO					<100	

11/12/02

EPOXIES, MOLDING, ADHESIVES
(CONT)

HAZARDOUS SUBSTANCE	CAS NUMBER	MANUFACTURER	DESCRIPTION	CERCLA HAZARD	40 CFR 302 LISTING	WHERE USED	USED HANDLED	HOW STORED	WHERE STORED	QTY (LB/GAL)	STATUS
		BUEHLER LTD	EPO-KWICK EPOXY HARDENER	NONE	NO					<100	
		DOW CORNING	111 COMPOUND	NONE	NO					<100	
		OXYCHEM	DUREZ 156 PHENOLIC NOVOLAC	NONE	NO					<100	
		BACON INDUSTRIES	THERMOSET MOLDING COMPOUND	NONE	NO					<100	
			ADHESIVE LCA-4LV	NONE	NO					<100	
METHYL ETHYL KETONE (MEK)	78-93-3	STABOND CORP	VULCABOND V114	YES	YES	PRODUCTION	POTTING PROC.	PLASTIC CONT.	FREEZER	<100	INACTIVE / NO STOCK
METHYL ETHYL KETONE (MEK)	78-93-3	SHELL	2-BUTANONE	YES	YES	PRODUCTION				<100	
		3-M	SCOTCHPLY SP-114 REINFORCED PLASTIC	NONE	NO					<100	
		3-M	SCOTCHWELD BRAND DP-260 PARTS A&B	NONE	NO					<100	
		3M	SCOTCHWELD AF-163-2U STRUCTURAL ADHESIVE FILM	NONE	NO					<100	
4,4'-METHYLENE DIANILINE	101-77-9	SMOOTH-ON	SONITE 41 HARDENER	YES	YES	CASTING	CASTING PROC.	METAL CONT.	STOCKROOM	<100	INACTIVE / NO STOCK
4,4'-METHYLENE DIANILINE	101-77-9	MAGNOLIA PLASTICS	MAGNOBOND 3376, A & B	YES	YES	PRODUCTION	POTTING PROC.	PLASTIC CONT.	STOCKROOM	<100	INACTIVE / NO STOCK
		RH CARLSON	NORCURE 134 EPOXY HARDENER	NONE	NO					<100	
		SHELL	EPON (R) RESIN 815	NONE	NO					<100	
		3M	SCOTCHWELD AF-377K STRUCTURAL ADHESIVE FILM (WITH GLASS FIBER)	NONE	NO					<100	
		3M	SCOTCHPLY SP-371 GLASS EPOXY PREPREG	NONE	NO					<100	
			DUREZ 024150, POLYESTER MOLDING COMPOUND	NONE	NO					<100	
EPICHLOROHYDRIN (60PPM)	106-89-8	OCCIDENTAL CHEMICAL	COMPOUND	NONE	NO					<100	
		CPS CHEMICAL	AGEFLEX BGE	NONE	NO					<100	
		DOW CORNING	F CATALYST	NONE	NO					<100	
		SOLAR COMPOUNDS CORP.	SOLARITE EP 214, PART A	NONE	NO					<100	
		EMERSON & CUMING	CATALYST 9 CONDUCTIVE EPOXY	NONE	NO					<100	
		EMERSON & CUMING	ECCOBOND 83C CONDUCTIVE EPOXY	NONE	NO					<100	
PROPYLENE GLYCOL T-BUTYL ETHER	57018-52-7	RANDOLPH PRODUCTS	WATERBORNE EPOXY CATALYST	NONE	NO					<100	
SILVER	7440-22-4	EMERSON & CUMING	ECCOBOND SOLDER 83C	YES	YES					<100	

MOLD RELEASES OILS, LUBRICANTS

HAZARDOUS SUBSTANCE	CAS NUMBER	MANUFACTURER	DESCRIPTION	CERCLA HAZARD SUBSTANCE	40 CFR 302 LISTING	WHERE USED	HOW USED/HANDLE D	HOW STORED	WHERE STORED	QTY (LB/GAL)	STATUS
TRICLOROFLUORMETHANE	75-69-4	DOW CORNING PRICE-DRISCOLL 3M	7 RELEASE COMPOUND EPOXY PARFILM FC-43 LUBRICANT	NONE YES NONE	NO YES NO					<100 <100 <100	
XZYLENE	1330-20-7	VALSPAR	RAM 225 MOLD RELEASE	YES	YES	MOLDING	PROCESS	METAL CANS	STOCKROOM	<100	ACTIVE
ETHYLBENZINE	100-41-4	VALSPAR	RAM 225 MOLD RELEASE	YES	YES	MOLDING	PROCESS	METAL CANS	STOCKROOM	<100	ACTIVE
TOLUENE	108-88-3	VALSPAR CASTROL	RAM 225 MOLD RELEASE GREASE	YES NONE	YES NO	MOLDING	PROCESS	METAL CANS	STOCKROOM	<100 <100	ACTIVE
1,1,1-TRICHLOROETHANE	71-55-6	MONROE FLUID TECH AEROSPACE LUBRICANTS	COOL TOOL TRIBOLUBE 13D	YES NONE	YES NO	MACHINE SHOP	MACHING	PLASTIC PAIL	MACHINE SHOP	<100 <100	ACTIVE
1,1,1-TRICHLOROETHANE	71-55-6	THE OAKLAND CORP / ND IND MILLER-STEPHENSON MILLER-STEPHENSON AEROSPACE LUBRICANTS	VC-3 VIBRA-TITE MS-122/CO2 MOLD RELEASE MS-122 FLUOROCARBON RELEASE TRIBOLUBE 16		YES	MOLDING	PROCESS	METAL CANS	STOCKROOM	<100 <100 <100	INACTIVE
METHYLENE CHLORIDE	75-09-2	DOW CHEMICAL	METHYLENE CHLORIDE, VAPOR DEGREASER	YES	YES	PRODUCTION	CLEANING	METAL CANS	STOCKROOM	<100	NO STOCK
PRPYLENE OXIDE	75-56-9	DOW CHEMICAL	METHYLENE CHLORIDE, VAPRO DEGREASER	YES	YES	PRODUCTION	CLEANING AGENT	METAL CANS	STOCKROOM	<100	INACTIVE / NO STOCK
		SHELL	AEROSHELL GREASE 7	NONE	NO					<100	
		NYE LUBRICANTS	LUBRICATING GREASE	NONE	NO					<100	
	56803-37-3	NYE LUBRICANTS	LUBRICATING OIL							<100	
	70983-72-1	NYE LUBRICANTS	LUBRICATING OIL							<100	
		CASTROL	GREASE	NONE	NO					<100	
	122-62-3	ROYAL LUBRICANTS	ROYCO 885 LUBICATING OIL							<100	
	25619-56-1	ROYAL LUBRICANTS	ROYCO 885 LUBICATING OIL							<100	
	92-84-2	ROYAL LUBRICANTS	ROYCO 885 LUBICATING OIL							<100	
		SHELL	AEROSHELL GREASE 22	NONE	NO					<100	
		EXXON	BEACON 325 GREASE	NONE	NO					<100	
POLYALPFAOLEFINS	68027-01-4	ROYAL LUBRICANTS	ROYCO 885 LUBICATING OIL	YES	YES	PRODUCTION	ASSEMBLY	METAL CONT.	STK ROOM	<100	ACTIVE
ORGANOPHILIC CLAY	71011-25-1	ROYAL LUBRICANTS	ROYCO 885 LUBICATING OIL							<100	
SODIUM NITRITE	7632-00-0	ROYAL LUBRICANTS	ROYCO 885 LUBICATING OIL							<100	
SODIUM CHROMATE, TETRAHYDRATE	7775-11-3	ROYAL LUBRICANTS	ROYCO 885 LUBICATING OIL							<100	
HEPTANE	142-82-5	SHERWIN-WILLIAMS	SPRAYON DRY POWDER ZINC MOLD RELEASE							<100	
1,1-DIFLUOROETHANE	75-37-6	SHERWIN-WILLIAMS	SPRAYON DRY POWDER ZINC MOLD RELEASE							<100	
HEPTANE	142-82-5	SHERWIN-WILLIAMS	SPRAYON DRY POWDER ZINC MOLD RELEASE							<100	
1,1-DIFLUOROETHANE	75-37-6	SHERWIN-WILLIAMS	SPRAYON DRY POWDER ZINC MOLD RELEASE							<100	
METHYLENE CHLORIDE	75-09-2	DOW CORNING LILLY	RELEASE PASTE COMPOUND MOLD RELEASE MR 225							<100 <100	

11/12/02

ALCOHOLS AND SOLVENTS

HAZARDOUS SUBSTANCE	CAS NUMBER	MANUFACTURER	DESCRIPTION	CERCLA HAZARD SUBSTANCE	40 CFR 302 LISTING	WHERE USED	HOW USED/HANDLE D	HOW STORED	WHERE STORED	QTY (LB/GAL)	STATUS
TRICHLOROETHYLENE	79-01-6	DOW CHEMICAL	NEU-TRI SOLVENT							<100	
DICHLOROFLUOROETHANE	1717-00-6	ALLIED CHEMICALS	GENESOLV 2000 SOLVENT							<100	
ISOPROPAL ALCOHOL	67-63-0	ALPHA METELS	611 MILDLY ACTIVATED FLUX							<100	
FREON 113	76-13-1	E.I. DU PONT	FREON TF CLEANING AGENT	YES	YES	PRODUCTION	CLEANING AGENT	METAL DRUMS	STOCKROOM	<100	INACTIVE / NO STOCK
ISOPROPANOL	67-63-0	UNOIN CARBIDE	ISOPROPYL ALCOHOL							<100	
ETHYL BENZENE	100-41-4	THE P.D.GEORGE CO	STERLING 77X-010 CLEAR AIR DRY	YES	YES	PRODUCTION	POTTING PROC.	METAL CANS	FREEZER	<100	ACTIVE
XZYLENE	1330-20-7	THE P.D.GEORGE CO	STERLING 77X-010 CLEAR AIR DRY	YES	YES	PRODUCTION	POTTING PROC.	METAL CANS	FREEZER	<100	ACTIVE
TOLULENE	108-88-3	THE P.D.GEORGE CO	STERLING 77X-010 CLEAR AIR DRY	YES	YES	PRODUCTION	POTTING PROC.	METAL CANS	FREEZER	<100	ACTIVE
ETHYLENE GLYCOL DIMETHYL ESTER	110-71-4	LAROCHE INDUSTRIES	HCFC-141B	NONE	NO					<100	
SODIUM NAPHTHALENE	113492-05-0	W.L. GORE	TETRA-ETCH							<100	
VINYL METHYL ETHER	107-25-5									<100	
TOLULENE	108-88-3	EMERSON & CUMINGS	ECCO COAT EC 200	YES	YES	PRODUCTION	POTTING PROC.	PLASTIC CONT.	STOCKROOM	<100	ACTIVE
METHYL ISOBUTYL KETONE	108-10-1			YES	YES	PRODUCTION	POTTING PROC.	PLASTIC CONT.	STOCKROOM	<100	ACTIVE
BENZENE	71-43-2			YES	YES	PRODUCTION	POTTING PROC.	PLASTIC CONT.	STOCKROOM	<100	ACTIVE
EPICHLOROHYDRIN (5PPM)	106-89-8			YES	YES	PRODUCTION	POTTING PROC.	PLASTIC CONT.	STOCKROOM	<100	ACTIVE
		W.F. NYE	NYEBAR CT BARRIER FILM	NONE	NO					<100	
		MASTER CHEMICAL	FLUID	NONE	NO					<100	
		VULCAN CHEMICALS	TRICLOROMETHANE	NONE	NO					<100	
				NONE	NO					<100	
		DUPONT	DIBASIC ESTER	NONE	NO					<100	

PLATING CHEMICALS											
HAZARDOUS SUBSTANCE	CAS NUMBER	MANUFACTURER	DESCRIPTION	CERCLA HAZARD SUBSTANCE	40 CFR 302 LISTING	WHERE USED	HOW USED/HANDLE D	HOW STORED	WHERE STORED	QTY (LB/GAL)	STATUS
POTASSIUM CYANIDE	151-50-8	TECNIC INC	POTASSIUM CYANIDE	YES	YES	PLATING BATH	PLATING PROC.	PLASTIC CONT.	STOCKROOM / PLATING	<100	ACTIVE
		OMI ENTHONE	SILVREX 400 BRIGHTENER	NONE	NO					<100	
		TECNIC INC	ACTIVATING SALTS CU 85	NONE	NO					<100	
		TECNIC INC	TECNI-SILVER E BRIGHTENER	NONE	NO					<100	
		TECNIC INC	TG-30 GOLD SALTS	NONE	NO					<100	
NICKEL SULFATE	7786-81-4	TECNIC INC	WATTS SEMI-BRIGHT NICKEL	YES	YES	PLATING BATH	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
NICKEL CHLORIDE	7718-54-9	" "	" "	YES	YES	PLATING BATH	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
		HUBER	HUBER 15	NONE	NO					<100	
POTASSIUM HYDROXIDE	1310-58-3	OMI ENTHONE	SILVREX 3 BRIGHTENER A	YES	YES	PLATING BATH	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
		TECNIC INC	TECHNI-NICKEL ANTIPITTER HN-6	NA	NA					<100	
POTASSIUM SILVER CYANIDE	506-61-6	TECNIC INC	POTASSIUM SILVER CYANIDE	YES	YES	PLATING BATH	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
SELENIUM DIOXIDE	7446-08-4	TECNIC INC	TECHNI-SILVER E-2 BRIGHTENER	YES	YES	PLATING BATH	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
HYDRAZINE	302-01-2	TECNIC INC	TECHNI-SILVER E-2 BRIGHTENER	YES	YES	PLATING BATH	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
NICKEL SULFATE	7786-81-4	CP CHEMICALS	NICKEL SULPHATE SOLUTION	YES	YES	PLATING BATH	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
		FMC	HYDROGEN PEROXIDE	NONE	NO					<100	
		TECNIC INC	TECHNI NICKEL ANTI-PITTER	NONE	NO					<100	
		TECNIC INC	NICKEL WS BRIGHTENER	NONE	NO					<100	
NICKEL CHLORIDE	7718-54-9	TECNIC INC	LIQUID NICKEL CHLORIDE	YES	YES	PLATING BATH	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
		TECNIC INC	CALCIUM NITRATE	NONE	NO					<100	
SODIUM FLUORIDE	7681-49-4	TECNIC INC	TECHNIC TAZ 3Z	YES	YES	PLATING	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
			SILVER E BRIGHTENER - POTASSIUM								
		TECNIC INC	ANTIMONYL TARTRATE	NONE	NO					<100	
		LUSTER-ON	LUSTER-ON 401	NONE	NO					<100	
		TECNIC INC	ACTIVATING SALTS CU 85	NONE	NO					<100	

ACIDS & CAUSTICS											
HAZARDOUS SUBSTANCE	CAS NUMBER	MANUFACTURER	DESCRIPTION	CERCLA HAZARD SUBSTANCE	40 CFR 302 LISTING	WHERE USED	HOW USED/HANDLE D	HOW STORED	WHERE STORED	QTY (LB/GAL)	STATUS
		TECNIC	TECNI-GOLD 30 PHOSPHATE	NONE	NO					<100	
HYDROCHLORIC ACID	7647-01-0	RBP CHEMICAL CORP.	ACID COPPER CLEANER	YES	YES	PLATING	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	INACTIVE / NO STOCK
SULFURIC ACID	7664-93-9	VARIOUS	SULFURIC ACID	YES	YES	PLATING	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
HYDROCHLORIC ACID	7647-01-0	VARIOUS INTEROX AMERICA	MURIATIC ACID AMMONIUM PERSULPHATE	YES NONE	YES NO	PLATING	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100 <100	INACTIVE / NO STOCK
SODIUM HYDROXIDE	1310-73-2	DIAMOND SHAMROCK	CAUSTIC SODA	YES	YES	PLATING	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
PHOSPHORIC ACID	7664-38-2	RANDOLPH PRODUCTS TECNIC	ACID DILUENT BORIC ACID	YES NONE	YES NO	PAINTING	PAINTING PROC.	PLASTIC CONT.	STOCKROOM	<100 <100	INACTIVE / NO STOCK
NITRIC ACID	7697-37-2	VARIOUS	NITRIC ACID	YES	YES	PLATING	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
CHROMIC ACID	7738-94-5	LUSTER-ON	ACID DIP 224L	YES	YES	PLATING	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
NITRIC ACID	7697-37-2	" "	" "	YES	YES	PLATING	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
SODIUM BICHROMATE	10588-01-9	" "	" "	YES	YES	PLATING	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
AMMONIUM BIFLUORIDE	1341-49-7	" "	" "	YES	YES	PLATING	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
AMMONIUM BIFLUORIDE	1341-49-7	LUSTER-ON	KEMFLUR	YES	YES	PLATING	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
ACETIC ACID	64-19-7	TECHNIC	ACETIC ACID	YES	YES	PLATING	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE
		ETCHOMATIC TECHNIC	WHITE DOT METAL SCRUBBING COMPOUND TECHNISTRIIP II	NONE NA	NO NA					<100 <100	
PHOSPHORIC ACID	7664-38-2	TECHNIC	B/N CLEANER	YES	YES	PLATING	PLATING PROC.	PLASTIC CONT.	PLATING STORAGE	<100	ACTIVE

MISCELLANEOUS

HAZARDOUS SUBSTANCE	CAS NUMBER	MANUFACTURER	DESCRIPTION	CERCLA HAZARD SUBSTANCE	40 CFR 302 LISTING	WHERE USED	HOW USED/HANDLE D	HOW STORED	WHERE STORED	QTY (LB/GAL)	STATUS
MEK-	78-93-3	RANDOLPH PRODUCTS	EPOXY THINNER MIL-T-81772B	YES	YES	PAINTING	PAINTING PROC.	METAL CANS	STOCKROOM	<100	INACTIVE / NO STOCK
PROPYLENE GLYCOL MONOMETHYL ETHER	107-98-2	RANDOLPH PRODUCTS	EPOXY THINNER MIL-T-81772B	NONE	NO					<100	
METHYL ISOBUTYL KETONE	108-10-1	RANDOLPH PRODUCTS	EPOXY THINNER MIL-T-81772B	YES	YES	PAINTING	PAINTING PROC.	METAL CANS	STOCKROOM	<100	INACTIVE / NO STOCK
ISOPROPYL ALCOHOL	67-63-0	RANDOLPH PRODUCTS	ACID DILUENT	NONE	NO					<100	
		MILLER-STEPHENSON	AERO-DUSTER MS-225	NONE	NO					<100	
		LUSTER	197 ROSIN FLUX	NONE	NO					<100	

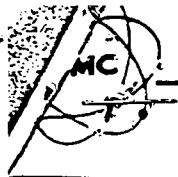
PAINT

HAZARDOUS SUBSTANCE	CAS NUMBER	MANUFACTURER	DESCRIPTION	CERCLA HAZARD SUBSTANCE	40 CFR 302 LISTING	WHERE USED	HOW USED/HANDLE D	HOW STORED	WHERE STORED	QTY (LB/GAL)	STATUS
ZINC CHROMATE	13530-65-9	RANDOLPH PRODUCTS	GREEN WASH PRIMER	NONE	NO	COATING	PAINTING PROC.	METAL CANS	STOCKROOM	<100	ACTIVE
ISOPROPYL ALCOHOL	67-63-0	RANDOLPH PRODUCTS	GREEN WASH PRIMER	NONE	NO	COATING	PAINTING PROC.	METAL CANS	STOCKROOM	<100	ACTIVE
BUTYL ALCOHOL	71-36-3	RANDOLPH PRODUCTS	GREEN WASH PRIMER	YES	YES	COATING	PAINTING PROC.	METAL CANS	STOCKROOM	<100	ACTIVE
METHYL ETHYL KETONE (MEK)	78-93-3	RANDOLPH PRODUCTS	GRAY SEMI-GLOSS COMP A 26270	YES	YES	COATING	PAINTING PROC.	METAL CANS	STOCKROOM	<100	ACTIVE
TOLUENE	108-88-3	RANDOLPH PRODUCTS	GRAY SEMI-GLOSS COMP A 26270	YES	YES	COATING	PAINTING PROC.	METAL CANS	STOCKROOM	<100	ACTIVE
TOLUENE	108-88-3	RANDOLPH PRODUCTS	CATALYST COMP B 1:1 MIX PAINT	YES	YES	COATING	PAINTING PROC.	METAL CANS	STOCKROOM	<100	ACTIVE
XZYLENE	1330-20-7	RANDOLPH PRODUCTS	CATALYST COMP B 1:1 MIX PAINT	YES	YES	COATING	PAINTING PROC.	METAL CANS	STOCKROOM	<100	ACTIVE
BUTYL ACETATE	123-86-3	RANDOLPH PRODUCTS	CATALYST COMP B 1:1 MIX PAINT	YES	YES	COATING	PAINTING PROC.	METAL CANS	STOCKROOM	<100	ACTIVE
ETHYL BENZINE	100-41-4	RANDOLPH PRODUCTS	CATALYST COMP B 1:1 MIX PAINT	YES	YES	COATING	PAINTING PROC.	METAL CANS	STOCKROOM	<100	ACTIVE
PROPYLENE GLYCOL MONOETHYL ETHER	108-65-6	RANDOLPH PRODUCTS	CATALYST COMP B 1:1 MIX PAINT	YES	YES	COATING	PAINTING PROC.	METAL CANS	STOCKROOM	<100	ACTIVE
CHROMIUM	7440-47-3	RANDOLPH PRODUCTS	YELLOW WATERBORNE EPOXY PRIMER	YES	YES	COATING				<100	
STRONTIUM CHROMATE	7789-06-2	RANDOLPH PRODUCTS	YELLOW WATERBORNE EPOXY PRIMER	YES	YES	COATING				<100	
ETHYL BENZINE	100-41-4	SHERWIN-WILLIAMS	MIL-C-22750 EPOXY PAINT PART A	YES	YES	COATING				<100	
METHYL ETHYL KETONE (MEK)	78-93-3			YES	YES	COATING				<100	
BENZENE	71-43-2	CHEMTREC	SOLVENT BASE PAINT (RAM)	YES	YES	COATING				<100	

11/12/02

METALS				CERCLA HAZARD SUBSTANCE	40 CFR 302 LISTING	WHERE USED	HOW USED/HANDLE D	HOW STORED	WHERE STORED	QTY (LB/GAL)	STATUS
HAZARDOUS SUBSTANCE	CAS NUMBER	MANUFACTURER	DESCRIPTION								
COPPER	7440-50-8	VARIOUS	VARIOUS	YES	YES	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
PHOSPHORUS	7723-14-0	VARIOUS	VARIOUS	YES	YES	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
SILVER	7440-22-4	VARIOUS	VARIOUS	YES	YES	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
CHROMIUM	7440-47-3	VARIOUS	VARIOUS	YES	YES	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
COPPER	7440-50-8	VARIOUS	VARIOUS	YES	YES	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
NICKEL	7440-02-0	VARIOUS	VARIOUS	YES	YES	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
PHOSPHORUS	7723-14-0	VARIOUS	VARIOUS	YES	YES	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
ZINC	7440-66-6	VARIOUS	VARIOUS	YES	YES	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
MOLYBDENUM	7439-98-7	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
IRON	1309-37-1	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
MANGANESE	7439-96-5	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
PLATINUM	7440-06-4	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
CADMIUM	7440-43-9	VARIOUS	VARIOUS	YES	YES	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
PALLADIUM	7440-05-3	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
ALUMINUM	7429-90-5	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
SILICON	7440-21-3	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
CARBON	7440-44-0	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
COBALT	7440-48-4	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
SELENIUM	7782-49-2	VARIOUS	VARIOUS	YES	YES	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
TITANIUM	7440-32-6	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
BERYLLIUM	7440-41-7	VARIOUS	VARIOUS	YES	YES	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
TUNGSTEN	7740-33-7	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
TIN	7440-31-5	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
ANTIMONY	7440-36-0	VARIOUS	VARIOUS	YES	YES	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
GOLD	7440-57-5	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
IRIDIUM	7439-88-5	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE
ZIRCONIUM	7440-67-7	VARIOUS	VARIOUS	NONE	NO	PROD. WIDE	PRODUCT	VARIOUS	PROD WIDE		ACTIVE

MISC				CERCLA HAZARD SUBSTANCE	40 CFR 302 LISTING	WHERE USED	HOW USED/HANDLE D	HOW STORED	WHERE STORED	QTY (LB/GAL)	STATUS
HAZARDOUS SUBSTANCE	CAS NUMBER	MANUFACTURER	DESCRIPTION								
		CHEMO MFG CO	BOOTH STRIP PEELABLE COATING	NONE	NO					<100	
ETHYL ETHYL KETONE (MEK)	78-93-3	TOLBER DIV./ PYRAMID PLASTICS	MICROPEEL	YES	YES					<100	



Electro-Miniatures Corp.

68 WEST COMMERCIAL AVENUE • MOONACHIE, NEW JERSEY 07074
(201) 460-0510 FAX # (201) 935-8153

AMBER ENVIRONMENTAL SERVICES
0 HARVARD TRAIL
IOPATCONG, NJ 07843

73-770-9933 GERALD NATALI

PURCHASE ORDER

No. H 4533

DATE: 6/9/00

The above order number must appear on all
Invoices, packing slips and correspondence.

Ship to above address unless otherwise indicated.

PLEASE ENTER OUR ORDER FOR THE FOLLOWING MATERIAL IN ACCORDANCE WITH THE
INSTRUCTIONS, TERMS AND CONDITIONS AS SHOWN ON THE FACE AND REVERSE SIDE HEREOF.

TO:	F.O.B.	SHIP VIA	DELIVERY REQUIRED	TERMS
A	N/A	N/A	SEE BELOW	SEE BELOW

INSTRUMENT CONTRACT NO:

INSPECTION: AUTOMATIC GOVERNMENT SOURCE
GOVERNMENT SOURCE
DESTINATION

ORDERED UNDER D.M.S. REGULATION NO.

QUANTITY	OUR PART NO.	DESCRIPTION	UNIT PRICE	EXTENSION
LOT		<p>REMOVAL AND TRANSPORTATION AND DISPOSAL OF ALL WASTE MATERIALS IN HOUSE AT EMC. (SEE 6/2/00 LIST ATTACHED). AND PER AMBER QUOTE 202605 REVISED DATED 6/6/00 AND AMBER LETTER/PACKAGE DATED 5/23/00 OUTLINING PERMITS, CARRIERS, LICENSES AND APPROVALS.</p> <p>WORK TO INCLUDE: SCOPE OF WORK PROPOSAL:</p> <p>ANALYTICALS - DRAW SAMPLES, ANALYZE FOR CORROSIVITY, CYANIDE, PCB'S AND TOTAL RCRA METALS (APPROX. 1 WEEK FOR RESULTS). DETECTED LEVELS MAY RESULT IN ADDITIONAL CHARGES. LAB PACK TECHNICIAN AND HELPER CLASSIFY, PACK AND LABEL CONTAINERS ON WASTE MATERIAL LIST SUPPLIES PROVIDE CONTAINERS AND PACKING MATERIALS</p> <p>TRANSPORTATION AND DISPOSAL TRANSPORT AND DISPOSE/RECYCLE WASTE ON WASTE MATERIAL LIST AFTER RECEIPT OF ANALYTICALS CLASSIFY, PACK, LABEL, LOAD AND TRANSPORT WITHIN 10 DAYS FROM TIME OF ACCEPTANCE</p> <p>PAYMENT \$2000.00 DUE AFTER 1ST DAY OF WORK COMPLETED CLASSIFY, PACK, LABEL ETC.</p> <p>BALANCE NET 30 OF COMPLETION OF REMOVAL OF ALL PRODUCTS</p> <p>Note: Certificate of Destruction, Recycling and/or disposal will be mailed to the customer.</p>	LOT	\$5,000.00 (INCLUSIVE)
Total Price				\$ 5000.00

Certificate of Compliance Required ☐ NO ☒

Proving compliance to the requirements of applicable and/or specifications is to be supplied with each shipment on this order in triplicate. Appropriate test reports and certificates to be on file for buyer's review and verification on invoices will not be honored unless Certificate of Compliance is provided.

ELECTRO-MINIATURES CORP.

BY

Originating Buyer

If the Shipping Date cannot be met, notify buyer by telephone at once, advising new Shipping Date.

Purchasing Manager

ELECTRO-MINIATURES CORP.

06/02/2000

WASTE MATERIALS LIST

UNUSEABLE INVENTORY

<u>UNITS</u>	<u>TOTALS</u>	
1 GALLON CANS -	109 GALLONS	PAINT (EPOXY-POLYAMIDE, ENAMEL, PRIMERS, ETC.)
5 GALLON PAIL -	5 GALLONS	DEN483 EPOXY RESIN
5 GALLON PAIL -	5 GALLONS	ROYCO 885A LUBRICANT
1 GALLON CANS -	8 GALLONS	SHELL EPON 828 RESIN
5 GALLON PAIL -	2 GALLON	METHANOL
5 GALLON PAIL -	1 GALLON	KESTER RESIN RESIDUE REMOVER
1 QT BOTTLES -	6 QTS.	EPON V 40 CURING AGENT
1 GALLON CANS -	1 GALLON	DYNASOLVE 200
1 QT CAN	7 QTS.	ATHEY PAINT ENAMEL CHEMICAL COATING
1 GALLON BOTTLES -	5 GALLONS	NEUTRALIZER S-39
1 GALLON CAN -	1 GALLON	PUROIL
1 GALLON CAN -	1 GALLON	PROPYLENE GLYCOL
1 GALLON CAN -	1 GALLON	IPA 91% M71465 FLAMIBLE LIQUID
1 GALLON CANS -	1 GALLONS	MICRO STRIP A MICRO PEEL COATING
1 GALLON CAN -	3 PINTS	INSULCAST #135
30 GALLON DRUMS -	60 GALLONS	NICKEL SUFATE SOLUTION (OLD BATHS)
15 GALLON DRUM -	8 GALLON	NITRIC ACID SOLUTION?
1 GALLON CAN-	2 QUARTS	ALPHA #615 RMA FLUX
1 GALLON CAN-	1 GALLON	KESTER SOLDER FLUX REMOVER
1 GALLON CAN-	1 GALLON	MILLER STEPHENSON- STRIPPER MS-111
1 QUART CAN-	3 QUARTS	ACRYLOID RESI SOLUTION GRADE B-72
2 GALLON CAN-	1 GALLON	ACRYLOID A-50 POWDER
5 GALLON CAN -	10 LBS.	FIBERITE MOLDING COMPOUND
1 QUART BOTTLE-	2 QUATS	GE VERSILUBE 50 SILICONE FLUID
1 GALLON CAN-	1 GALLON	PRECISION ADHESIVE 1911
30 GALLON DRUM-	10 GALLONS	USED TRICLORETHYLENE
2 GALLON CAN-	1.5 GALLONS	USED FREON
55 GALLON DRUMS -	2 - 55 GALLON	OLD OIL USED FOR CUTTING MAKING POLISHED DRUMS
30 GALLON DRUMS -	2 - 30 GALLON	WASTE OIL
15 GALLON DRUM -	15 GALLONS	WASTE OIL
55 GALLON DRUM -	55 GALLONS	WASTE WATER FROM PLATING
55 GALLON DRUM -	55 GALLONS	SPENT IRRIDITE SOLUTION / ALUMINUM CHROMATE
15 GALLON DRUM -	15 GALLONS	SPENT IRRIDITE SOLUTION / ALUMINUM CHROMATE

OF MATERIAL DOES NOT CONSTITUTE ACCEPTANCE UNLESS SAME CONFORMS TO THE TERMS AND CONDITIONS SPECIFIED HEREUNDER. WE FURTHER RESERVE THE RIGHT TO FILE CLAIM AT A LATER DATE FOR SPOILAGE, DAMAGE OR LACK OF CONFORMITY WITH OUR SPECIFICATIONS AFTER INSPECTION.

TERMS AND CONDITIONS

The within Purchase Order and the terms and conditions here set forth and the Seller's acceptance (either in writing or by the shipment of any of the goods ordered or the furnishing of any of the services to be rendered) shall constitute the entire contract between the Seller and the Buyer. There are no oral modifications.

Each package or container shall be numbered and labeled with the Buyer's order number, requisition number and an itemized packing slip shall be included in each package or container. No charge shall be added for packaging, crating or boxing unless agreed upon in writing at time of purchase. Damage to any material not properly packed will be charged to the Seller or said damaged material held for disposition for the account of the Seller.

Seller warrants that all articles, material and/or work referred to by this Purchase Order will conform with applicable specifications, drawings, samples and/or other descriptions given to Seller and will be free from all defects. Without limitations of any rights which the Buyer may have at law by reason of any breach of warranty, materials which are not as warranted may, at any time within three months after delivery, be returned at Seller's expense for either credit or replacement as Buyer may direct. Services which are not in accordance with this Order shall likewise be subject to adjustment.

The Buyer's acceptance of any material covered by this Order or the payment in whole or part of any invoices pertinent thereto and/or its subsequent use shall not constitute a waiver of any of Buyer's rights.

Material shipped in excess of quantity ordered may be returned at Seller's expense.

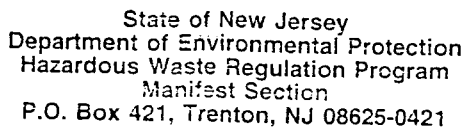
All material or services covered by this Order shall be subject to inspection and test over a reasonable period of time by Buyer or by the US Government if the latter is interested therein.

Buyer reserves the right to make changes in the drawings and/or specifications relating to this Order. In the event such changes cause substantial variation in furnishing the goods or services covered hereby, the prices of such goods shall be varied in the same ratio provided, however, that no extra charge shall be made by Seller, unless such change is requested by Buyer in writing duly delivered to Seller, and any claim for increased prices is made promptly.

The prices stated in the Order shall not be increased by reason of any tax or taxes imposed by present or future Federal, State or local law.

In the event this order involves work or services to be performed on material furnished by Buyer, said material shall be delivered to Seller on consignment, title thereto shall remain with the Buyer, the Seller shall be liable for any of such material spoiled by Seller or Seller's agents or sub-contractors. All under such circumstances shall be protected by Seller against all loss or damage by insurance acceptable to Buyer, Buyer retains and reserves title to any designs and drawings furnished Seller in connection with this Order and no such design or drawing shall, without Buyer's written permission, be used in connection with goods furnished to others. The contents of all such drawings and designs shall be held by the Seller in strict confidence and not divulged by the Seller to any other person, firm, or corporation.

10. It is expressly understood and agreed that if the material or services contemplated by the within Purchase Order are part of the performance by Buyer of a contract for the US Government or any of its agencies, contractors, Seller will comply with all such further requirements including, but not limited to, those pertaining to cancellation as may be imposed upon Buyer by the US Government of any of its agencies directly or through prime contractors or sub-contractors. Buyer shall have the right to require changes in the material or services to be furnished by the Seller hereunder if required by the US Government or any of its agencies, contractors or sub-contractors in which event, equitable adjustment shall be made in the amount due herein or in the time required for the performance hereof as is appropriate in the case of each such change; provided, however, that no extra work or changes shall be done or performed without written authorization from the Buyer. The contents of this paragraph shall not be construed to limit or affect in any way the operation of paragraph No. 11 below.
11. This Order, and upon its acceptance is a contract between Seller and Buyer, shall be subject to cancellation, in whole or in part, at the instance of the Buyer, without cause. Notice of such cancellation by the Buyer shall be in writing or by telegram addressed to the Seller's address appearing on the Order. In the event of such cancellation, Buyer shall be liable only for payment for goods actually shipped to Buyer prior to such cancellation, or if the contract be one for the furnishing of services to Buyer instead of the sale of goods, then only for services actually rendered prior to such cancellation. Nothing contained in this provision shall relieve the Seller of liability for defects in quality, workmanship, non-conformance with Order, or any other liability hereunder, as to goods shipped or services rendered prior to cancellation. Buyer in addition to any other right or remedy provided by this Purchase Order or by law terminate all or any part of this Purchase Order by telegraphic or other written notice to Seller without any liability by Buyer to Seller on account thereof. In the event of termination for cause Buyer may purchase supplies or services elsewhere on such terms or in such manner as Buyer may deem appropriate and Seller shall be liable to Buyer for any excess costs incurred by Buyer.
12. By acceptance, and in consideration of this Order, Seller guarantees that the sale or use of any or all articles or materials delivered, or services rendered, hereunder will not infringe any US or foreign patent, that Seller will, at his own expense, defend any action, suit or claim in which an infringement of patent rights is alleged with respect to the sale or use of said articles or materials or embodying such services, and Seller further agrees to indemnify Buyer and/or its customers and save Buyer and/or its customers harmless from any loss, damage or liability which may be incurred on account of infringement of patent rights with respect to the articles or materials delivered and/or services rendered.
13. Seller represents, warrants and agrees that all of the goods or services rendered hereunder will be manufactured or furnished by Seller in accordance with all applicable standards, provisions, stipulations, and regulations, of all Federal, State and local safety, sanitary, factory inspection, Emergency Price Control Act other laws including Walsh-Healey Act (Act of Congress of June 30, 1936 as amended), Fair Labor Standards Act (Act of Congress on June 25, 1938) and all acts relative to sabotage, espionage, aliens, secrecy and anti-discrimination. If the Buyer is required to do so by the Government authority, Seller shall, upon Buyer's request, furnish certificates of compliance with any such laws or regulations.



Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. CMS No. 2050-0009.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1		Information in the spaces below is not required by Federal law	
3. Generator's Name and Mailing Address Electro-Miniatures Corp. 68 West Commercial Ave. Moonachie, New Jersey 07074		4. Generator's Phone (201) 460-0510		6. US EPA ID Number NJ1301019293602555330		A. State Manifest Document Number NJA 3066830		B. State Generator's ID (Gen. Site Address)	
5. Transporter 1 Company Name RADAC RESEARCH CORP. NYD0491178296		6. US EPA ID Number		7. Transporter 2 Company Name		8. US EPA ID Number		C. State Trans. ID-NJCET Decal No.:	
9. Designated Facility Name and Site Address Perma-Fix of Dayton, Inc. 300 South West End Ave. Dayton, Ohio 45427		10. US EPA ID Number		11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, HM ID Number and Packing Group) RQ Waste Paint Related Material 3 UN1263 PGII		12. Containers No. Type		13. Total Quantity Unit Wt/Vol Waste No.	
a. <input checked="" type="checkbox"/> RQ Waste Paint Related Material 3 UN1263 PGII				X X D F X X 600				5 10 0 1	
b. <input checked="" type="checkbox"/> Waste Methanol 3 UN1230 PGII				X X I D M X X X 20				5 10 0 1	
c. Waste Trichloroethylene 6.1 UN1710 PGIII				X X I D M X X 200				5 10 0 1	
d. RQ Hazardous Waste Liquid, N.O.S. (Trichloroethylene) 9 NA3082 PGII								5 10 0 1	
J. Additional Descriptions for Materials Listed Above enamel/etrox paints				K. Handling Codes for Wastes Listed Above					
a. Trichloroethylene				a. 5 10 1				c. 5 10 1	
b. methanol				b. 5 10 1				d. 5 10 1	
15. Special Handling Instructions and Additional Information 11a. Profile # ERG#127 34811 11b. Profile # ERG#131 34810 11c. Profile # ERG#132 34812 Emergency Contact:				11d. Profile # ERG#171					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name, hazard classification, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name David W. Wern				Signature David W. Wern				Month Day Year 06 22 00	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name MARIO ALONSO				Signature Mario Alonso				Month Day Year 06 22 00	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year	
19. Discrepancy Indication Space None - 6/22/00									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name X									
Signature X				Month Day Year 07 14 00					

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

SIGNATURE AND INFORMATION *MUST BE LEGIBLE ON ALL COPIES*

STRAIGHT BILL OF LADING - SHORT FORM - Original - Not Negotiable

Shipper's No. 084

(Carrier)

RADIAL RESEARCH CORP.

SCAC.

Carrier's No.

NYPD8070

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at _____, date 6/22/00 from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee for purposes of notification only.)

TO: Chemical Conservation Corp.
Consignee 10100 Rocket Blvd.
Street
Destination Orlando, Florida Zip 32824

FROM: Electro-Miniatures Corp.
Shipper 68 West Commercial Ave.
Street
Origin Moonachie, NJ Zip 07074

Route:

Delivering Carrier

Trailer initial/
NumberU.S. DOT Hazmat
Reg. NumberNumber of
packagesO
HM

Description of articles, special marks, and exceptions

*Weight
(subject to
correction)Class or
rateCheck
columnCharges
(for carrier
use only)

1 x 30

Non-RCRA, Non-D.O.T. (Labpack L01)
(contains Silicon) ELE 5012 A

40

Received at Perm-Fix of Dayton Transfer Station 7/14/00 CQS

Transporter #2 - Chem - Gov. of Florida
Mike
FLD980559728
(407) 859-4441

Remit C.O.D. to:

Address:

City:

State:

Zip:

COD

AMT: \$

C. O. D. FEE:

Prepaid ☐Collect ☐ \$

TOTAL CHARGES:

\$

FREIGHT CHARGES

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".
Note - where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding:
\$ _____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse to the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of consignor)

FREIGHT PREPAID
Except when
box at right
is checked ☐ CHECK BOX
if charges are
to be collect

This is to certify that the above-named materials are properly classified, described, packed, marked and labeled/placarded, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per

SHIPPER: Electro-Miniatures Corp.

PER:

DATE:

CARRIER:

PER:

DATE:

EMERGENCY RESPONSE

TELEPHONE NUMBER:

Permanent post office address of shipper

Mark with an "X" to designate Hazardous Materials as defined in the Department of Transportation Regulations governing the transportation of hazardous materials.
The use of this column is an optional method for identifying hazardous materials on bills of lading per Section 172.201(a)(1) of the 49 CFR Hazardous Materials Regulations. Also, when shipping hazardous materials, the shipper's certification statement prescribed in Section 172.204(a) of the Federal Regulations must be marked on the bill of lading, unless a specific exception from this requirement is provided in the Regulations for a particular material.

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation. 172.204-1

10-BLS-A3 (Rev. 5/95)

Samuel Joseph
7-21-00



JUL 31 2000

State of New Jersey
Department of Environmental Protection
Hazardous Waste Regulation Program
Manifest Section
P.O. Box 421, Trenton, NJ 08625-0421

Form Approved OMB No. 2050-0039

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Electro-Minatures Corp. 63 West Commercial Ave. Moonachie, NJ 07074		4. Generator's Phone (201) 450-0510		A. State Manifest Document Number NJA 3066831		
5. Transporter 1 Company Name RADAC RESEARCH CORP.		6. US EPA ID Number NYD044178296		B. State Generator's ID (Gen. Site Address)		
7. Transporter 2 Company Name Chem-Loc of Florida		8. US EPA ID Number FLD1918105591728		C. State Trans. ID-NJDEP Decal No.:		
9. Designated Facility Name and Site Address Chemical Conservation Corp. 10100 Rocket Blvd. Orlando, Florida 32824		10. US EPA ID Number FLD1918105591728		D. Transporter's Phone (718) 913-2233		
11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, HM ID Number and Packing Group)		12. Containers		13. Total Quantity		
a. <input checked="" type="checkbox"/> Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. 8 UN3264 PGII (Aluminium Chromate)		No. Type		14. Unit (Wt Vol)		
b. <input checked="" type="checkbox"/> Waste Nitric Acid Mixtures 8 UN1796 PGII		XX3DM XX500F		D007		
c. <input checked="" type="checkbox"/> Waste Flammable Liquid, N.O.S. (Alcohol) 3 UN1993 PGII		XX1DM XXX40F		D001/D035		
d. <input checked="" type="checkbox"/> Hazardous Waste Liquid, N.O.S. (Tetrachloroethylene) 9 UN3082 PGIII		XX1DM XX40F		D10.39		
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above				
a. Aluminium Chromate Sol.		LP 1 x 30		a. S 1 0 1 1 c. S 1 0 1 1		
b. Nitric Acid Sol.		LP 1 x 15		b. S 1 0 1 1 d. S 1 0 1 1		
15. Special Handling Instructions and Additional Information		11d. Approval # ELE 5012C				
11a. Approval # ELE 5011 ERG#154		Emergency Contact:				
11b. Approval # ELE 5010 ERG#157						
11c. Approval # ELE 5012B ERG#128						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name David W. Wilson		Signature <i>David W. Wilson</i>		Month Day Year 06 22 00		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Mario Alonso</i>		Month Day Year 06 22 00		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature <i>Mike Iannaccone</i>		Month Day Year 07 20 00		
19. Discrepancy Indication Space CORRECTED 12 C. STOK WITH JERRY AT AMBER ENVIRONMENTAL SERVICE. 973-770-9933 / NTS-00						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.						
Printed/Typed Name Joseph		Signature <i>Joseph</i>		Month Day Year 07 20 00		

Chemical Conservation Corporation

A WHOLLY OWNED SUBSIDIARY OF PERMA-FIX
ENVIRONMENTAL SERVICES, INC.

10100 ROCKET BOULEVARD • ORLANDO, FLORIDA 32824

(407) 859-4441 • FAX (407) 855-2812



DISCREPANCY REPORT

GENERATOR NAME:
Electro-Miniatures Corp.

DATE: 07-26-2000

Broker Name: Tri-S
Manifest No: NJA 3066831

Attn:

Contact:
Date Rec'd:

Manifest Discrepancies: Units of Wt./Vol. are not indicated for any item.

Land Ban Discrepancies: 11-a: D001 incorrectly marked, should be High TOC
11-d: UHC box should be YES

UTS Form Discrepancies: Not complete: indicate Chromium for A and
Perchloroethylene for D

Other Comments:

Generator Authorized Signature
Date

Chemical Conservation Corporation Contact: R.J. Cannon

This facility considers these discrepancies to be resolved. If you do NOT agree, please contact Chemical Conservation Corporation immediately at (407) 859-4441. We must notify the E.P.A. within 15 days of any unresolved manifest discrepancies.

**ALL DISCREPANCIES IDENTIFIED WITH AN (*) MUST BE
ADDRESSED WITHIN 48 HOURS. PLEASE CALL 800-345-6393 IF YOU
HAVE ANY QUESTIONS.**

PLEASE SHIP AND FAX THIS FORM BACK TO (407) 855-2812

☐ This is a wastewater stream. ☒ This is a non-wastewater stream.

NOTE: BOXES CORRESPOND TO MANIFEST LINE ITEM

Waste(s) described above, does not meet the applicable treatment standards in 40 CFR 268 Subpart D.

SUBPART CC: INDICATE WHETHER WASTES ON THE MANIFEST ARE REGULATED UNDER SUBPART CC FOR CONTAINING VOC'S IN CONCENTRATION LEVELS EQUAL TO OR GREATER THAN 500 PPMW BY ENTERING A "Y" FOR "YES" OR "N" FOR "NO" AS APPROPRIATE.

CHARACTERISTIC WASTE

MLI	CODE	SUBCATEGORY/CONSTITUENTS
<input checked="" type="checkbox"/>	D001	Ignitable Wastes (TOC>10%)
<input checked="" type="checkbox"/>	D001*	Ignitable Wastes (TOC<10%)
<input type="checkbox"/>	D002*	Corrosive Wastes
<input type="checkbox"/>	D003	Reactive Sulfides based on 261.23(a)(5)
<input type="checkbox"/>	D003*	Explosives based on 261.23(a) (6),(7),(8)
<input type="checkbox"/>	D003	Unexploded ordinance/explosive
<input type="checkbox"/>	D003*	Other Reactive based on 261.23(a)(1)
<input type="checkbox"/>	D003*	Water Reactive based on 261.23(a) (2),(3),(4)
<input type="checkbox"/>	D003	Reactive Cyanides based on 261.23(a) (5)
<input type="checkbox"/>	D004*	Arsenic
<input type="checkbox"/>	D005*	Barium
<input type="checkbox"/>	D006*	Cadmium
<input type="checkbox"/>	D006*	Cadmium Containing Batteries
<input type="checkbox"/>	D007*	Chromium
<input type="checkbox"/>	D008*	Lead
<input type="checkbox"/>	D008*	Lead Acid Batteries
<input type="checkbox"/>	D009*	High Mercury-Organic
<input type="checkbox"/>	D009*	High Mercury-Inorganic
<input type="checkbox"/>	D009*	Low Mercury
<input type="checkbox"/>	D009*	Mercury Wastewater
<input type="checkbox"/>	D010*	Selenium
<input type="checkbox"/>	D011*	Silver
<input type="checkbox"/>	D012*	Endrin
<input type="checkbox"/>	D013*	Lindane
<input type="checkbox"/>	D014*	Methoxychlor
<input type="checkbox"/>	D015*	Toxaphene
<input type="checkbox"/>	D016*	2,4-D
<input type="checkbox"/>	D017*	2,4,5-TP (Silvex)
<input type="checkbox"/>	D018*	Benzene
<input type="checkbox"/>	D019*	Carbon Tetrachloride
<input type="checkbox"/>	D020*	Chlordane
<input type="checkbox"/>	D021*	Chlorobenzene
<input type="checkbox"/>	D022*	Chloroform
<input type="checkbox"/>	D023*	o-Cresol
<input type="checkbox"/>	D024*	m-Cresol
<input type="checkbox"/>	D025*	p-Cresol
<input type="checkbox"/>	D026*	Cresol (total)
<input type="checkbox"/>	D027*	p-Dichlorobenzene
<input type="checkbox"/>	D028*	1,2-Dichloroethane
<input type="checkbox"/>	D029*	1,1-Dichloroethylene
<input type="checkbox"/>	D030*	2,4-Dinitrotoluene
<input type="checkbox"/>	D031*	Heptachlor
<input type="checkbox"/>	D032*	Hexachlorobenzene
<input type="checkbox"/>	D033*	Hexachlorobutadiene
<input type="checkbox"/>	D034*	Hexachloroethane
<input type="checkbox"/>	D035*	Methyl ethyl ketone
<input type="checkbox"/>	D036*	Nitrobenzene
<input type="checkbox"/>	D037*	Pentachlorophenol
<input type="checkbox"/>	D038*	Pyridine
<input type="checkbox"/>	D039*	Tetrachloroethylene
<input type="checkbox"/>	D040*	Trichloroethylene
<input type="checkbox"/>	D041*	2,4,5-Trichlorophenol
<input type="checkbox"/>	D042*	2,4,6-Trichlorophenol
<input type="checkbox"/>	D043*	Vinyl chloride

B. LISTED WASTE

MLI	CODE	SUBCATEGORY/CONSTITUENTS
<input type="checkbox"/>	F001	Spent Halogenated Solvents
<input type="checkbox"/>	F002	Spent Halogenated Solvents
<input type="checkbox"/>	F003	Spent Non-Halogenated Solvents
<input type="checkbox"/>	F004	Spent Non-Halogenated Solvents
<input type="checkbox"/>	F005	Spent Non-Halogenated Solvents

CHECK REGULATED CONSTITUENTS FOR LISTED WASTES IDENTIFIED ABOVE (F001-F005):

<input type="checkbox"/>	Acetone
<input type="checkbox"/>	Benzene
<input type="checkbox"/>	n-Butyl alcohol
<input type="checkbox"/>	Carbon disulfide
<input type="checkbox"/>	Carbon tetrachloride
<input type="checkbox"/>	Chlorobenzene
<input type="checkbox"/>	o-Cresol
<input type="checkbox"/>	m-Cresol
<input type="checkbox"/>	p-Cresol
<input type="checkbox"/>	Cresol
<input type="checkbox"/>	Cyclohexanone
<input type="checkbox"/>	o-Dichlorobenzene
<input type="checkbox"/>	Ethyl acetate
<input type="checkbox"/>	Ethyl benzene
<input type="checkbox"/>	Ethyl ether
<input type="checkbox"/>	Isobutyl alcohol
<input type="checkbox"/>	Methanol
<input type="checkbox"/>	Methylene chloride
<input type="checkbox"/>	Methyl ethyl ketone
<input type="checkbox"/>	Methyl isobutyl ketone
<input type="checkbox"/>	Nitrobenzene
<input type="checkbox"/>	Pyridine
<input type="checkbox"/>	Tetrachloroethylene
<input type="checkbox"/>	Toluene
<input type="checkbox"/>	1,1,1-Trichloroethane
<input type="checkbox"/>	1,1,2-Trichloroethane
<input type="checkbox"/>	1,1,2-Trichloro-1,2,2-trifluoroethane
<input type="checkbox"/>	Trichloroethylene
<input type="checkbox"/>	Trichloromonofluoromethane
<input type="checkbox"/>	Xylenes
<input type="checkbox"/>	2-Nitropropane
<input type="checkbox"/>	2-Ethoxyethanol

<input type="checkbox"/>	F006	Electroplating WWT sludge
<input type="checkbox"/>	F035	Wood preserving wastewater
<input type="checkbox"/>	F037	Petroleum refinery primary oil/water separation sludge
<input type="checkbox"/>	F038	Petroleum refinery secondary oil/water separation sludge
<input type="checkbox"/>	F039	Multi-source Leachate
<input type="checkbox"/>	K048	Dissolved air flotation float
<input type="checkbox"/>	K049	Slop oil emulsion solids

Does the waste identified by an asterisk (*) contain any Underlying Hazardous Constituent per 268.7(a)(1)? ☒ YES ☐ NO

IF YES, *attach a completed UTS/UHC form to this document*

OTHER WASTES (for codes not listed above)

MLI	Enter waste codes/subcategory, if applicable, in the table below.
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

Date:

NJA 3066831

SUBPART CC AND LAND DISPOSAL RESTRICTION NOTIFICATION FORM

Generator Name Electro-Miniatures Corp.Manifest No. NJA3066831Page of

--	--	--	--

This is a wastewater stream.

A	B	C	D
---	---	---	---

This is a non-wastewater stream.

a	b	c	d
---	---	---	---

NOTE: BOXES CORRESPOND TO MANIFEST LINE ITEM

The waste(s) described above, does not meet the applicable treatment standards in 40 CFR 268 Subpart D.

--	--	--	--

SUBPART CC: INDICATE WHETHER WASTES ON THE MANIFEST ARE REGULATED UNDER SUBPART CC FOR CONTAINING VOC'S IN CONCENTRATION LEVELS EQUAL TO OR GREATER THAN 500 PPMW BY ENTERING A "Y" FOR "YES" OR "N" FOR "NO" AS APPROPRIATE.

A. CHARACTERISTIC WASTE

MLI	CODE	SUBCATEGORY/CONSTITUENTS
	D001	Ignitable Wastes (TOC>10%)
	D001*	Ignitable Wastes (TOC>10%)
	D002*	Corrosive Wastes
	D003	Reactive Sulfides based on 261.23(a)(5)
	D003*	Explosives based on 261.23(a) (6),(7),(8)
	D003	Unexploded ordinance/explosive
	D003*	Other Reactive based on 261.23(a)(1)
	D003*	Water Reactive based on 261.23(a) (2),(3),(4)
	D003	Reactive Cyanides based on 261.23(a) (5)
	D004*	Arsenic
	D005*	Barium
	D006*	Cadmium
	D006*	Cadmium Containing Batteries
	D007*	Chromium
	D008*	Lead
	D008*	Lead Acid Batteries
	D009*	High Mercury-Organic
	D009*	High Mercury-Inorganic
	D009*	Low Mercury
	D009*	Mercury Wastewater
	D010*	Selenium
	D011*	Silver
	D012*	Endrin
	D013*	Lindane
	D014*	Methoxychlor
	D015*	Toxaphene
	D016*	2,4-D
	D017*	2,4,5-TP (Silvex)
	D018*	Benzene
	D019*	Carbon Tetrachloride
	D020*	Chlordane
	D021*	Chlorobenzene
	D022*	Chloroform
	D023*	o-Cresol
	D024*	m-Cresol
	D025*	p-Cresol
	D026*	Cresol (total)
	D027*	p-Dichlorobenzene
	D028*	1,2-Dichloroethane
	D029*	1,1-Dichloroethylene
	D030*	2,4-Dinitrotoluene
	D031*	Heptachlor
	D032*	Hexachlorobenzene
	D033*	Hexachlorobutadiene
	D034*	Hexachloroethane
	D035*	Methyl ethyl ketone
	D036*	Nitrobenzene
	D037*	Pentachlorophenol
	D038*	Pyridine
	D039*	Tetrachloroethylene
	D040*	Trichloroethylene
	D041*	2,4,5-Trichlorophenol
	D042*	2,4,6-Trichlorophenol
	D043*	Vinyl chloride

B. LISTED WASTE

MLI	CODE	SUBCATEGORY/CONSTITUENTS
	F001	Spent Halogenated Solvents
	F002	Spent Halogenated Solvents
	F003	Spent Non-Halogenated Solvents
	F004	Spent Non-Halogenated Solvents
	F005	Spent Non-Halogenated Solvents

CHECK REGULATED CONSTITUENTS FOR LISTED WASTES IDENTIFIED ABOVE (F001-F005):

	Acetone
	Benzene
	n-Butyl alcohol
	Carbon disulfide
	Carbon tetrachloride
	Chlorobenzene
	o-Cresol
	m-Cresol
	p-Cresol
	Cresol
	Cyclohexanone
	o-Dichlorobenzene
	Ethyl acetate
	Ethyl benzene
	Ethyl ether
	Isobutyl alcohol
	Methanol
	Methylene chloride
	Methyl ethyl ketone
	Methyl isobutyl ketone
	Nitrobenzene
	Pyridine
	Tetrachloroethylene
	Toluene
	1,1,1-Trichloroethane
	1,1,2-Trichloroethane
	1,1,2-Trichloro-1,2,2-trifluoroethane
	Trichloroethylene
	Trichloromonofluoromethane
	Xylenes
	2-Nitropropane
	2-Ethoxyethanol
	F006 Electroplating WWT sludge
	F035 Wood preserving wastewater
	F037 Petroleum refinery primary oil/water separation sludge
	F038 Petroleum refinery secondary oil/water separation sludge
	F039 Multi-source Leachate
	K048 Dissolved air flotation float
	K049 Slop oil emulsion solids

Does the waste identified by an asterisk (*) contain any Underlying Hazardous Constituents per 268.7(a)(1)?

A			

YES

NO

If YES, attach a completed UTS/UHC form to this document.

C. OTHER WASTES (for codes not listed above)

MLI	Enter waste codes/subcategory, if applicable, in the table below.

Generator Name: Electro-Miniatures Corp.

Manifest No: NJA3066831

Page: 1 of 2

List all constituents on both pages of this document that are present in D001(except for TOC ≥ 10%), D002, D003# and D004-D043 waste streams in concentrations above the stated levels. The regulatory levels are in total concentrations, unless noted with an asterisk. (# Explosive, water reactive and other reactive only) (WW = Wastewater; NWW = Non-Wastewater). Insert the manifest line identifier (MLI) in the boxed to the left of the constituents. If using this form in association with a profile, place an X in the box next to the appropriate constituent(s).

MLI		WW	NWW	MLI		WW	NWW
	A2213	0.042	1.4		m-Cumenyl methylcarbamate	0.056	1.
	Acenaphthene	0.059	3.4		Cyclohexanone	0.36	0.75
	Acenaphthylene	0.059	3.4		o,p'- DDD	0.023	0.08
	Acetone	0.28	160		p,p'- DDD	0.023	0.08
	Acetonitrile	5.6	38		o,p'- DDE	0.031	0.08
	Acetophenone	0.01	9.7		p,p'- DDE	0.031	0.08
	2-Acetylaminofluorene	0.059	140		o,p'- DDT	0.0039	0.08
	Acrolein	0.29	N/A		p,p'- DDT	0.0039	0.08
	Acrylamide	19	23		Dibenz(a,h)anthracene	0.055	8.
	Acrylonitrile	0.24	84		Dibenz(a,e)pyrene	0.061	N/A
	Aldicarb sulfone	0.056	0.28		1,2-Dibromo-3-chloropropane	0.11	1
	Aldrin	0.021	0.066		1,2- Dibromoethane (Ethylene dibromide)	0.028	1
	4-Aminobiphenyl	0.13	N/A		Dibromomethane	0.11	1
	Aniline	0.81	14		m-Dichlorobenzene	0.036	
	Anthracene	0.059	3.4		o- Dichlorobenzene	0.088	
	Aramite	0.36	N/A		p- Dichlorobenzene	0.09	
	Barban	0.056	1.4		Dichlorodifluoromethane	0.23	7.
	Bendiocarb	0.056	1.4		1,1- Dichloroethane	0.059	
	Bendiocarb phenol	0.056	1.4		1,2- Dichloroethane	0.21	
	Benomyl	0.056	1.4		1,1- Dichloroethylene	0.025	
	Benz (a) anthracene	0.059	3.4		trans-1,2- Dichloroethylene	0.054	3
	Benzal Chloride	0.055	6		2,4- Dichlorophenol	0.044	1
	Benzene	0.14	10		2,6- Dichlorophenol	0.044	1
	Benzo (b) fluoranthene	0.11	6.8		2,4-Dichlorophenoxyacetic acid (2,4-D)	0.72	1
	Benzo (k) fluoranthene	0.11	6.8		1,2- Dichloropropane	0.85	1
	Benzo (g,h,i) perylene	0.0055	1.8		cis-1,3-Dichloropropylene	0.036	1
	Benzo (a) pyrene	0.061	3.4		trans-1,3-Dichloropropylene	0.036	1
	alpha-BHC	0.00014	0.066		Dieldrin	0.017	0.1
	beta-BHC	0.00014	0.066		Diethyl phosphates	0.2	2
	delta-BHC	0.023	0.066		Diethylene glycol, dicarbamate	0.056	1.
	gamma-BHC (Lindane)	0.0017	0.066		p-Dimethylaminoazobenzene	0.13	N/A
	Bromodichloromethane	0.35	15		2,4-Dimethyl phenol	0.036	1
	Bromomethane (Methyl bromide)	0.11	15		Dimethyl phthalate	0.047	2
	4-Bromophenyl phenyl ether	0.055	15		Dimetilan	0.056	1.
	n-Butyl alcohol	5.6	2.6		Di-n-butyl phthalate	0.057	2
	Butyl benzyl phthalate	0.017	28		1,4-Dinitrobenzene	0.32	2.
	Butylate	0.042	1.4		4,6-Dinitro-o-cresol	0.28	16
	2-sec-Butyl 4,6-dinitrophenol (Dinoseb)	0.066	2.5		2,4- Dinitrophenol	0.12	16
	Carbaryl	0.006	0.14		2,4-Dinitrotoluene	0.32	14
	Carbenzadim	0.056	1.4		2,6-Dinitrotoluene	0.55	2
	Carbofuran	0.006	0.14		Di-n-octyl phthalate	0.017	2
	Carbofuran phenol	0.056	1.4		Di-n-propylnitrosamine	0.4	1.
	Carbon disulfide	3.8	4.8*		1,4-Dioxane	12	17
	Carbon tetrachloride	0.057	6		Diphenylamine	0.92	1.
	Carbosulfan	0.028	1.4		Diphenylnitrosamine	0.92	1.
	Chlordane(alpha & gamma)	0.0033	0.26		1,2- Diphenylhydrazine	0.087	N/A
	p-Chloroaniline	0.46	16		Disulfoton	0.017	6.
	Chlorobenzene	0.057	6		Dithiocarbamates (total)	0.028	2.
	Chlorobenzilate	0.1	N/A		Endosulfan I	0.023	0.06
	2-Chloro-1,3-butadiene	0.057	0.28		Endosulfan II	0.029	0.1.
	Chlorodibromomethane	0.057	15		Endosulfan sulfate	0.029	0.1.
	Chloroethane	0.27	6		Endrin	0.0028	0.1.
	bis-(2-Chloroethoxy)methane	0.036	7.2		Endrin aldehyde	0.025	0.1.
	bis-(2-Chloroethyl)ether	0.033	6		EPTC	0.042	1.
	2-Chloroethyl vinyl ether	0.062	N/A		Ethyl acetate	0.34	-3.
	Chloroform	0.046	6		Ethyl benzene	0.057	10
	bis-(2-Chloroisopropyl)ether	0.055	7.2		Ethyl cyanide (Propanenitrile)	0.24	36
	p-Chloro-m-cresol	0.018	14		Ethyl ether	0.12	16
	Chloromethane (Methyl chloride)	0.19	30		Ethyl methacrylate	0.14	15
	2-Chloronaphthalene	0.055	5.6		Ethylene oxide	0.12	N/A
	2-Chlorophenol	0.044	5.7		bis(2-Ethylhexyl) phthalate	0.28	2.
	3-Chloropropylene	0.036	30		Famphur	0.017	1.
	Chrysene	0.059	3.4		Fluoranthene	0.068	3.
	o-Cresol	0.11	5.6		Fluorene	0.059	3.
		0.77	5.6		Formetanate hydrochloride	0.056	

Page 2 of 2

Do the waste stream(s) identified on the manifest listed above or on the attached profile contain any of the constituents listed on this table in concentrations above the regulatory levels?

☒ YES ☐ NO
Signature: *Paul White* Date: *6/22/00*



WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE

ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to
criminal and/or civil penalties under
Sections 324.11151 or 324.12116 MCL.

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NJD069298602	Manifest Document No. 65829	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address Electro-Miniatures Corp. 68 West Commercial Ave. Moonachie, NJ 09074			A. State Manifest Document Number MI 7665829		B. State Generator's ID		
4. Generator's Phone (201) 460-0510			C. State Transporter's ID NYD04918296		D. Transporter's Phone 718/463-2233		
5. Transporter 1 Company Name RADIAC RESEARCH CORP			6. US EPA ID Number		E. State Transporter's ID		
7. Transporter 2 Company Name			8. US EPA ID Number		F. Transporter's Phone		
9. Designated Facility Name and Site Address Chem-Met Services 18550 Allen Road Brownstown, MI 48192			10. US EPA ID Number MID096963194		G. State Facility's ID		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and HM			12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-RCRA, Non-D.O.T. None None			2	DM	400	P	None
b.							
c.							
d.							
J. Additional Descriptions for Materials Listed Above							K. Handling Codes
11a. Nickel Sulfate Solution							a. S01
							b.
							c.
							d.
15. Special Handling Instructions and Additional Information							
11a. Approval # ELE60201							
Emergency Contact:							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name Darel W. Wrenni			Signature 			Date 06/22/00	
17. Transporter 1 Acknowledgement of Receipt of Materials			Signature 			Date 06/22/00	
Printed/Typed Name MARIO ALONSO			Signature			Date	
18. Transporter 2 Acknowledgement of Receipt of Materials			Signature			Date	
Printed/Typed Name			Signature			Date	
19. Discrepancy Indication Space							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.							
Printed/Typed Name L. Wheeler			Signature 			Date 07/25/00	

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7000 AND THE CENTER AT 1-800-424-8802 24 HOURS PER DAY.



CHEM-MET SERVICES
18550 ALLEN ROAD
BROWNSTOWN, MI 48192

Cert. #: 052572

Phone: 734-282-9250

EPA # MID096963194

CERTIFICATE OF DISPOSAL

This certifies that the waste(s) specified on MANIFEST NUMBER : MI7665829

FOR GENERATOR: NJD069298602
ELECTRO-MINIATURES CORPORATION

AND TRANSPORTER: NYD049178296
Radiac Environmental Services.

68 WEST COMMERCIAL AVENUE
MOONACKIE, NJ 07024

has been properly disposed of under the authority of all required and applicable permits and licenses, to my best knowledge and belief based on my inquiry of individuals immediately responsible for the waste disposal.

The waste identified above has been handled in compliance with one or more of the applicable performance standards specified in 40 CFR, part 268, subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004 (d).

Signature:

Date: 07-05-2000

WHOLLY OWNED SUBSIDIARY OF PERMA-FIX ENVIRONMENTAL SERVICES, INC.



State of New Jersey
Department of Environmental Protection
Hazardous Waste Regulation Program
Manifest Section
P.O. Box 421, Trenton, NJ 08625-0421



3066831

ease type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NJ 0069298602	Manifest Document No. 66831	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Electro-Minatures Corp. 63 West Commercial Ave. Moonachie, NJ 07074 4. Generator's Phone (201) 460-0510				A. State Manifest Document Number NJA 3066831 B. State Generator's ID (Gen. Site Address)		
5. Transporter 1 Company Name RADAC RESEARCH CORP.				6. US EPA ID Number NNDOK41178296 C. State Trans. ID-NJDEP Decal No. -		
7. Transporter 2 Company Name				8. US EPA ID Number D. Transporter's Phone (781) 453-3333 E. State Trans. ID-NJDEP Decal No. - 084829 F. Transporter's Phone () G. State Facility's ID H. Facility's Phone (407) 859-4441		
9. Designated Facility Name and Site Address Chemical Conservation Corp. 10100 Rocket Blvd. Orlando, Florida 32824 10. US EPA ID Number PLD 980559728				11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, HM ID Number and Packing Group)		
a. <input checked="" type="checkbox"/> Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. 8 UN3264 PGII (Aluminium Chromate)		b. <input checked="" type="checkbox"/> Waste Nitric Acid Mixtures 3 UN1796 PGII		c. <input checked="" type="checkbox"/> Waste Flammable Liquid, N.O.S. (Alcohol) 3 UN1993 PGII		
d. <input type="checkbox"/> Hazardous Waste Liquid, N.O.S. (Tetrachloroethylene) 9 UN3082 PGIII		12. Containers No. Type		13. Total Quantity Unit Wt/Vol		
J. Additional Descriptions for Materials Listed Above Aluminium Chromate Sol. LP 1 x 30		K. Handling Codes for Wastes Listed Above a. S 0 1 c. 8 0 1		b. S 0 1 d. S 0 1		
15. Special Handling Instructions and Additional Information 11a. Approval # ELC4504 ERG#154 11b. Approval # ERG#157 11c. Approval # ELC5012 ERG#128 11d. Approval # ERG#171 Emergency Contact:		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.				
Printed/Typed Name MAZIO ALONSO		Signature 		Month Day Year 06 22 00		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year 06 22 00		18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year				
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Signature Month Day Year						

NJA 3066831



Electro-Miniatures Corp.

68 WEST COMMERCIAL AVENUE
MOONACHIE, NEW JERSEY 07074

★ ★ ★ UNITED STATES POSTAGE
127 5050 \$ 00.33⁰ PB8668351
9344 MAILED FROM LYNDHURST NJ 07071
JUN 22 00

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE REGULATION PROGRAM
MANIFEST SECTION
P.O. BOX 421
TRENTON, NJ 08625-0421



WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
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Required under authority of Part 111 and
Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to
criminal and/or civil penalties under
Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NJD069298602		Manifest Document No. 65829		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Electro-Miniatures Corp. 68 West Commercial Ave. Moonachie, NJ 07074						A. State Manifest Document Number MI 7665829							
4. Generator's Phone (201) 460-0510						B. State Generator's ID							
5. Transporter 1 Company Name RADIAL RESEARCH CORP			6. US EPA ID Number NYD004918296			C. State Transporter's ID NYPD8070							
7. Transporter 2 Company Name			8. US EPA ID Number			D. Transporter's Phone 718/963-2233							
9. Designated Facility Name and Site Address Chem-Met Services 18550 Allen Road Brownstown, MI 48192						E. State Transporter's ID							
10. US EPA ID Number MID096963194						F. Transporter's Phone							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER). HM						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		I. Waste No.	
a. <input checked="" type="checkbox"/> Non-RCRA, Non-D.O.T. None None						2 DM		400		P		None	
b.													
c.													
d.													
J. Additional Descriptions for Materials Listed Above 11a. Nickel Sulfate Solution						K. Handling Codes a. S01 b. c. d.							
15. Special Handling Instructions and Additional Information 11a. Approval # ELE60201						Emergency Contact:							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Darel W. Wrenn						Signature Darel W. Wrenn				Date 11/6/2010			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name MARIO ALONSO						Signature Mario Alonso				Date 11/6/2010			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name						Signature				Date			
19. Discrepancy Indication Space													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name						Signature				Date			

CENTER AT 1-800-424-8802 24 HOURS PER DAY.



Electro-Minatures Corp.

68 WEST COMMERCIAL AVENUE
MOONACHIE, NEW JERSEY 07074

★ ★ ★
160 UNITED STATES POSTAGE
5080 # 00.33⁰ PB8668351
9342 MAILED FROM LYNDHURST NJ 07071
JUN 22 00

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
P.O. Box 30038
Lansing, MI 48909-7538



State of New Jersey
Department of Environmental Protection
Hazardous Waste Regulation Program
Manifest Section
P.O. Box 421, Trenton, NJ 08625-0421



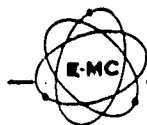
3066830

Use type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Electro-Minatures Corp. 63 West Commercial Ave. Lynchburg, New Jersey 07074 Generator's Phone (908) 463-3510		4. US EPA ID Number		A. State Manifest Document Number NJA 3066830		
5. Transporter 1 Company Name EADAC RESEARCH CORP.		6. US EPA ID Number		B. State Generator's ID (Gen. Site Address)		
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Trans. ID-NJDEP		
9. Designated Facility Name and Site Address Perma-Fix of Dayton, Inc. 300 South West End Ave. Dayton, Ohio 45427		10. US EPA ID Number		Decal No.		
11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) HM		12. Containers		13. Total Quantity		
		No. Type		14. Unit Wt/Vol		
a. <input checked="" type="checkbox"/> RQ Waste Paint Related Material 3 UN1263 PGII		XXII DFX X600		D 10 0 11		
b. <input checked="" type="checkbox"/> Waste Methanol 3 UN1230 PGII		XXI DM VVX13C		10 10 11		
c. Waste Trichloroethylene 5.1 UN1710 PGIII		XXI DM VV200		10 10 11		
d. RQ Hazardous Waste Liquid, N.O.S. (Trichloroethylene) 9 HA3082 PGII				F 0 0 1		
J. Additional Descriptions for Materials Listed Above enamel/epoxy paints		K. Handling Codes for Wastes Listed Above				
a. Trichloroethylene		a. S 0 1 1		c. S 0 1 1		
b. methanol		b. S 0 1 1		d. S 0 1 1		
15. Special Handling Instructions and Additional Information 11a. Profile # ERG#127 11b. Profile # ERG#131 11c. Profile # ERG#160 11d. Profile # ERG#171 Emergency Contact:						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name		Signature		Month Day Year 06 28 00		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month Day Year 06 28 00		
Printed/Typed Name MARCO ALONSO		Signature		Month Day Year		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year		
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Month Day Year		

NJA 3066830



Electro-Miniatures Corp.

68 WEST COMMERCIAL AVENUE
MOONACHIE, NEW JERSEY 07074

★ ★ ★
165
5040 # 00.330 PB8668351
9343 MAILED FROM LYNDHURST NJ 07071
JUN 22 00

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE REGULATION PROGRAM
MANIFEST SECTION
P.O. BOX 421
TRENTON, NJ 08625-0421

THIS MEMORANDUM

is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, not a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. _____

(Carrier) RADIAL RESEARCH CORP. SCAC. _____Carrier's No. NY PD8070

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at _____, date 6/22/00 from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee for purposes of notification only.)
TO: Perma-Fix of Dayton, Inc.
Consignee 300 South West End Ave.
Street Dayton, Ohio Zip 45427
Destination

FROM: Electro-Miniatures Corp.
Shipper 68 West Commercial Ave.
Street Moonachie, New Jersey Zip 07074
Origin

Route: _____

Delivering Carrier

Trailer Initial/
NumberU.S. DOT Hazard
Reg. NumberNumber of
packagesO
HM

Description of articles, special marks, and exceptions

*Weight
(subject to
correction)Class or
rateCheck
columnCharges
(for carrier
use only)

2 x 55
2 x 30
1 x 15
3 x 5
3 x 5

Non-RCRA, Non-D.O.T. (011)
Non-RCRA, Non-D.O.T. (011)
Non-RCRA, Non-D.O.T. (011)
Non-RCRA, Non-D.O.T. (011)
Non-RCRA, Non-D.O.T. (Molding Compound)

400
400
120
120

Remit C.O.D. to:

Address:

City:

State:

Zip:

COD

AMT: \$

C. O. D. FEE:

Prepaid ☐Collect ☐ \$

TOTAL CHARGES:

\$

FREIGHT CHARGES

FREIGHT PREPAID

Except when
box at right
is checkedCHECK BOX
if charges are
to be collect

* If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".
Note - where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding:
\$ _____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of consignor)

This is to certify that the above-named materials are properly classified, described, packed, marked and labeled/placarded, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per _____

SHIPPER: Electro-Miniatures Corp.PER: Paul W. [Signature]DATE: 6/22/00CARRIER: RADIAL RESEARCH CORP.PER: [Signature]DATE: 6/22/00

EMERGENCY RESPONSE

TELEPHONE NUMBER: (800) 424-9300

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (\$172.604)

Permanent post office address of shipper

10-BLS-A3 (Rev. 5/95)

Mark with an "X" to designate in Hazardous Materials as defined in the Department of Transportation Regulations governing the transportation of hazardous materials.
The use of this column is an optional method for identifying hazardous materials on bills of lading per Section 172.201(a)(1)(ii) of Title 49, Code of Federal Regulations. Also, when shipping hazardous materials, the shipper's certification statement prescribed in Section 172.204(a) of the Federal Regulations must be indicated on the bill of lading, unless a specific exception from this requirement is provided in the Regulations for a particular material.

THIS MEMORANDUM

is an acknowledgment that a bill of lading has been issued and is not the Original Bill of Lading, not a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. 084(Carrier) RADIAL RESEARCH CORP.
Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

SCAC. _____

Carrier's No. NYPDS670

at _____

date 6/22/00

from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee for purposes of notification only.)

TO: Chemical Conservation Corp.
Consignee 10100 Rocket Blvd.
Street
Destination Orlando, Florida Zip 32824FROM: Electro-Miniatures Corp.
Shipper
Street 68 West Commercial Ave.
Origin Moonachie, NJ Zip 07074

Route: _____

Delivering Carrier

Trailer Initial/
NumberU.S. DOT Hazard
Reg. Number

Number of packages	O HM	Description of articles, special marks, and exceptions	*Weight (subject to correction)	Class or rate	Check column	Charges (for carrier use only)
<u>1</u> x <u>30</u>		<u>Non-RCRA, Non-D.O.T. (Labpack L01)</u> <u>(contains Silicon) ELE 5012</u>	<u>40</u>			

Remit C.O.D. to:

Address:

City:

State:

Zip:

COD

AMT: \$

C. O. D. FEE:

Prepaid ☐Collect ☐ \$

TOTAL CHARGES:

\$

FREIGHT CHARGES

FREIGHT PREPAID

Except when
box at right
is checkedCHECK BOX
If charges are
to be collect

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".
Note - where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding-

\$ _____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of consignor)

This is to certify that the above-named materials are properly classified, described, packed, marked and labeled/placarded, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per _____

SHIPPER: Electro-Miniatures, Corp.PER: A. A. W.DATE: 6/22/00CARRIER: RADIAL RESEARCH CORP.PER: 1022DATE: 6/22/00

EMERGENCY RESPONSE

TELEPHONE NUMBER:

Chem-Tec
(800) 424-9300



WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE

ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and
Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to
criminal and/or civil penalties under
Sections 324.11115 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. XJD069293602		Manifest Document No. 65829		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Electro-Miniatures Corp. 63 West Commercial Ave. Moonachie, NJ 07074						A. State Manifest Document Number MI 7665829							
4. Generator's Phone (201) 460-0510						B. State Generator's ID							
5. Transporter 1 Company Name CHRYSLER FINANCIAL CORP			6. US EPA ID Number 244704918256			C. State Transporter's ID MI 244704918256							
7. Transporter 2 Company Name			8. US EPA ID Number			D. Transporter's Phone 714/4657233							
9. Designated Facility Name and Site Address Chem-Hec Services 18550 Allen Road Brownstown, MI 48192						E. State Transporter's ID							
10. US EPA ID Number MID096963194						F. Transporter's Phone							
G. State Facility's ID						H. Facility's Phone 734-282-9250							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER). HM						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		I. Waste No.	
a. Non-RCRA, Non-D.O.T. None None						2		470		P		None	
b.													
c.													
d.													
J. Additional Descriptions for Materials Listed Above 11a. Nickel Sulfate Solution												K. Handling Codes a S01 b c d	
15. Special Handling Instructions and Additional Information 11a. Approval # ELC6020!													
Emergency Contact:													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name David W. ...										Signature [Signature]		Date 11/10/12	
17. Transporter 1 Acknowledgement of Receipt of Materials										Signature [Signature]		Date 11/10/12	
18. Transporter 2 Acknowledgement of Receipt of Materials										Signature [Signature]		Date 11/10/12	
19. Discrepancy Indication Space													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name										Signature		Date 11/10/12	

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

GENERATOR

TRANSPORTER

FACILITY



WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and
Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to
criminal and/or civil penalties under
Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NJD069298602	Manifest Document No. 65829	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Electro-Miniatures Corp. 68 West Commercial Ave. Moonachie, NJ 09074				A. State Manifest Document Number MI 7665829		
4. Generator's Phone (201) 460-0510				B. State Generator's ID		
5. Transporter 1 Company Name RADIX RESEARCH CORP		6. US EPA ID Number NJ0004918296		C. State Transporter's ID NJ0004918296		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 714-713-7233		
9. Designated Facility Name and Site Address Chem-Met Services 13550 Allen Road Browstown, MI 48192		10. US EPA ID Number MID096963194		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone 734-282-9250		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER). HM		12. Containers No. Type		13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. <input checked="" type="checkbox"/> Non-ECRA, Non-D.O.T. None None		2 24		400	P	None
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above 11a. Nickel Sulfate Solution						K. Handling Codes a. S01 b. c. d.
15. Special Handling Instructions and Additional Information 11a. Approval # ELE60201						
Emergency Contact:						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name D. W. Wilson		Signature [Signature]		Date Month Day Year 11/17/10		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature [Signature]		Date Month Day Year 11/17/10		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature [Signature]		Date Month Day Year 11/17/10		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Date Month Day Year 11/17/10		



State of New Jersey
Department of Environmental Protection
Hazardous Waste Regulation Program
Manifest Section
P.O. Box 421, Trenton, NJ 08625-0421

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved: OMB No. 2050-0038

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded area is not required by Federal law
3. Generator's Name and Mailing Address Electro-Minatures Corp. 58 West Commercial Ave. Monroeville, NJ 07074 4. Generator's Phone () 460-0510		6. US EPA ID Number 1712121913191519171213		A. State Manifest Document Number NJA 3066831 B. State Generator's ID-Gen. Site Address	
5. Transporter 1 Company Name ADAC Research Corp. 7. Transporter 2 Company Name ADAC Research Corp.		8. US EPA ID Number NND0411782916		C. State Trans. ID-NJDEP Decal No. 1712121913191519171213 D. Transporter's Phone () 714 913 7733 E. State Trans. ID-NJDEP Decal No. 284829	
9. Designated Facility Name and Site Address Chemical Conservation Corp. 10100 Rocket Blvd. Orlando, Florida 32824		10. US EPA ID Number 1712121913191519171213		F. Transporter's Phone () G. State Facility's ID H. Facility's Phone () 407 359-4441	
11. US DOT Description (including Proper Shipping Name, Hazard Class or Division, HM, ID Number and Packing Group)		12. Containers No.	13. Total Quantity	14. Unit (Wt./Vol)	15. Waste No.
a. <input checked="" type="checkbox"/> Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. 8 UN3264 PGII (Aluminium Chromate)		XXIII	XXV	500	0007
c. <input checked="" type="checkbox"/> Waste Nitric Acid Mixtures 3 UN1796 PGII		XXI	XXIV	400	0008
c. <input checked="" type="checkbox"/> Waste Flammable Liquid, N.O.S. (Alcohol) 3 UN1993 PGLI		XXI	XXIV	400	0009
d. <input checked="" type="checkbox"/> Hazardous Waste Liquid, N.O.S. (Tetrachloroethylene) 3 UN3082 PGII		XXI	XXIV	400	0010
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above			
a. Aluminium Chromate Sol.		b. S C I 1 3 0 1			
b. Nitric Acid Sol.		c. S C I 1 3 0 1			
15. Special Handling Instructions and Additional Information		11d. Approval # ERG#171 Emergency Contact:			
11a. Approval # ERG#154 11b. Approval # ERG#157 11c. Approval # ERG#120					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree that is economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name		Signature		Month Day Year 06 22 00	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month Day Year 06 22 00	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year 06 22 00	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name		Signature		Month Day Year 06 22 00	

in case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection and Energy. (609) 292-7172

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of _____ information in the shaded areas is not required by Federal law	
3. Generator's Name and Mailing Address Electro-Miniatures Corp. 63 West Commercial Ave. New Jersey 07074 Gen. Phone: 460-0510				A. State Manifest Document Number NJA 3066830			
4. Generator's Name				5. US EPA ID Number		C. State Trans. ID-NJDEP	
6. Transporter 1 Company Name				7. US EPA ID Number		D. Decal No.-	
8. Transporter 2 Company Name				9. US EPA ID Number		E. State Trans. ID-NJDEP --	
10. Designated Facility Name and Site Address Perma-Fix of Dayton, Inc. 300 South West End Ave. Dayton, Ohio 45422				11. US EPA ID Number		F. Decal No.-	
12. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) HM				13. Containers		14. Total Quantity	
				No.		Type	
				Unit		Waste No.	
a.				b.		c.	
d.				e.		f.	
g.				h.		i.	
j.				k.		l.	
m.				n.		o.	
p.				q.		r.	
s.				t.		u.	
v.				w.		x.	
y.				z.		aa.	
ab.				ac.		ad.	
ae.				af.		ag.	
ah.				ai.		aj.	
ak.				al.		am.	
an.				ao.		ap.	
aq.				ar.		as.	
at.				au.		av.	
aw.				ax.		ay.	
az.				ba.		bb.	
bc.				bd.		be.	
bf.				bg.		bh.	
bi.				bj.		bk.	
bl.				bm.		bn.	
bo.				bp.		bq.	
br.				bs.		bt.	
bu.				bv.		bw.	
bx.				by.		bz.	
ca.				cb.		cc.	
cd.				ce.		cf.	
cg.				ch.		ci.	
cj.				ck.		cl.	
cm.				cn.		co.	
cp.				cq.		cr.	
cs.				ct.		cu.	
cv.				cw.		cx.	
cy.				cz.		da.	
db.				dc.		dd.	
de.				df.		dg.	
dh.				di.		dj.	
dk.				dl.		dm.	
dn.				do.		dp.	
dq.				dr.		ds.	
dt.				du.		dv.	
dw.				dx.		dy.	
dz.				ea.		eb.	
ec.				ed.		ee.	
ef.				eg.		eh.	
ei.				ej.		ek.	
el.				em.		en.	
eo.				ep.		eq.	
er.				es.		et.	
eu.				ev.		ew.	
ex.				ey.		ez.	
fa.				fb.		fc.	
fd.				fe.		ff.	
fg.				fh.		fi.	
fj.				fk.		fl.	
fm.				fn.		fo.	
fp.				fq.		fr.	
fs.				ft.		fu.	
fv.				fw.		fx.	
fy.				fz.		ga.	
gb.				gc.		gd.	
ge.				gf.		gg.	
gh.				gi.		gj.	
gk.				gl.		gm.	
gn.				go.		gp.	
gq.				gr.		gs.	
gt.				gu.		gv.	
gw.				gx.			

SUBPART CC AND LAND DISPOSAL RESTRICTION NOTIFICATION FORM

Generator Name Electro-Miniatures Corp. Manifest No. NJA3066830 Page of

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This is a wastewater stream.

--	--	--	--

This is a non-wastewater stream.

a	b	c	d
---	---	---	---

NOTE: BOXES CORRESPOND TO MANIFEST LINE ITEM

The waste(s) described above, does not meet the applicable treatment standards in 40 CFR 268 Subpart D.

SUBPART CC: INDICATE WHETHER WASTES ON THE MANIFEST ARE REGULATED UNDER SUBPART CC FOR CONTAINING VOC'S IN CONCENTRATION LEVEL EQUAL TO OR GREATER THAN 500 PPMW BY ENTERING A "Y" FOR "YES" OR "N" FOR "NO" AS APPROPRIATE.

A. CHARACTERISTIC WASTE

MLI	CODE	SUBCATEGORY/CONSTITUENTS
A B	D001	Ignitable Wastes (TOC > 10%)
	D001*	Ignitable Wastes (TOC < 10%)
	D002*	Corrosive Wastes
	D003	Reactive Sulfides based on 261.23(a)(5)
	D003*	Explosives based on 261.23(a) (6),(7),(8)
	D003	Unexploded ordinance/explosive
	D003*	Other Reactive based on 261.23(a)(1)
	D003*	Water Reactive based on 261.23(a) (2),(3),(4)
	D003	Reactive Cyanides based on 261.23(a) (5)
	D004*	Arsenic
	D005*	Barium
	D006*	Cadmium
	D006*	Cadmium Containing Batteries
	D007*	Chromium
	D008*	Lead
	D008*	Lead Acid Batteries
	D009*	High Mercury-Organic
	D009*	High Mercury-Inorganic
	D009*	Low Mercury
	D009*	Mercury Wastewater
	D010*	Selenium
	D011*	Silver
	D012*	Endrin
	D013*	Lindane
	D014*	Methoxychlor
	D015*	Toxaphene
	D016*	2,4-D
	D017*	2,4,5-TP (Silvex)
	D018*	Benzene
	D019*	Carbon Tetrachloride
	D020*	Chlordane
	D021*	Chlorobenzene
	D022*	Chloroform
	D023*	o-Cresol
	D024*	m-Cresol
	D025*	p-Cresol
	D026*	Cresol (total)
	D027*	p-Dichlorobenzene
	D028*	1,2-Dichloroethane
	D029*	1,1-Dichloroethylene
	D030*	2,4-Dinitrotoluene
	D031*	Heptachlor
	D032*	Hexachlorobenzene
	D033*	Hexachlorobutadiene
	D034*	Hexachloroethane
	D035*	Methyl ethyl ketone
	D036*	Nitrobenzene
	D037*	Pentachlorophenol
	D038*	Pyridine
	D039*	Tetrachloroethylene
	D040*	Trichloroethylene
	D041*	2,4,5-Trichlorophenol
	D042*	2,4,6-Trichlorophenol
	D043*	Vinyl chloride

B. LISTED WASTE

MLI	CODE	SUBCATEGORY/CONSTITUENTS
C D	F001	Spent Halogenated Solvents
	F002	Spent Halogenated Solvents
	F003	Spent Non-Halogenated Solvents
	F004	Spent Non-Halogenated Solvents
	F005	Spent Non-Halogenated Solvents

CHECK REGULATED CONSTITUENTS FOR LISTED WASTES IDENTIFIED ABOVE (F001-F005):

	Acetone
	Benzene
	n-Butyl alcohol
	Carbon disulfide
	Carbon tetrachloride
	Chlorobenzene
	o-Cresol
	m-Cresol
	p-Cresol
	Cresol
	Cyclohexanone
	o-Dichlorobenzene
	Ethyl acetate
	Ethyl benzene
	Ethyl ether
	Isobutyl alcohol
	Methanol
	Methylene chloride
	Methyl ethyl ketone
	Methyl isobutyl ketone
	Nitrobenzene
	Pyridine
	Tetrachloroethylene
	Toluene
	1,1,1-Trichloroethane
	1,1,2-Trichloroethane
	1,1,2-Trichloro-1,2,2-trifluoroethane
	Trichloroethylene
	Trichloromonofluoromethane
	Xylenes
	2-Nitropropane
	2-Ethoxyethanol
	P006 Electroplating WWT sludge
	F035 Wood preserving wastewater
	F037 Petroleum refinery primary oil/water separation slud
	F038 Petroleum refinery secondary oil/water separation s
	F039 Multi-source Leachate
	K048 Dissolved air flotation float
	K049 Slop oil emulsion solids

Does the waste identified by an asterisk (*) contain any Underlying Hazardous Constituents per 268.7(a)(1)?

YES

NO

If YES, *attach a completed UTS/UHC form to this document*

C. OTHER WASTES (for codes not listed above)

MLI	Enter waste codes/subcategory, if applicable, in the table below.

UNIVERSAL TREATMENT STANDARDS(UTS)/UNDERLYING HAZARDOUS CONSTITUENTS(UHC) FORM

Generator Name:

Electro-mixtures Corp.

Manifest No:

Page: 1 of 2

List all constituents on both pages of this document that are present in D001(except for TOC \geq 10%), D002, D003# and D004-D043 waste streams in concentrations above the stated levels. The regulatory levels are in total concentrations, unless noted with an asterisk. (# Explosive, water reactive and other reactive only) (WW = Wastewater; NWW = Non-Wastewater). Insert the manifest line identifier (MLI) in the boxed to the left of the constituents. If using this form in association with a profile, place an X in the box next to the appropriate constituent(s).

MLI			WW	NWW	MLI	WW	NWW
	A2213	0.042	1.4		m-Cumenyl methylcarbamate	0.056	1.4
	Acenaphthene	0.059	3.4		Cyclohexanone	0.36	0.75*
	Acenaphthylene	0.059	3.4		o,p'-DDD	0.023	0.087
	Acetone	0.28	160		p,p'-DDD	0.023	0.087
	Acetonitrile	5.6	38		o,p'-DDE	0.031	0.087
	Acetophenone	0.01	9.7		p,p'-DDE	0.031	0.087
	2-Acetylaminofluorene	0.059	140		o,p'-DDT	0.0039	0.087
	Acrolein	0.29	N/A		p,p'-DDT	0.0039	0.087
	Acrylamide	19	23		Dibenz(a,h)anthracene	0.055	8.2
	Acrylonitrile	0.24	84		Dibenz(a,e)pyrene	0.061	N/A
	Aldicarb sulfone	0.056	0.28		1,2-Dibromo-3-chloropropane	0.11	15
	Aldrin	0.021	0.066		1,2-Dibromoethane (Ethylene dibromide)	0.028	15
	4-Aminobiphenyl	0.13	N/A		Dibromomethane	0.11	15
	Aniline	0.81	14		m-Dichlorobenzene	0.036	6
	Anthracene	0.059	3.4		o-Dichlorobenzene	0.088	6
	Aramite	0.36	N/A		p-Dichlorobenzene	0.09	6
	Barban	0.056	1.4		Dichlorodifluoromethane	0.23	7.2
	Bendiocarb	0.056	1.4		1,1-Dichloroethane	0.059	6
	Bendiocarb phenol	0.056	1.4		1,2-Dichloroethane	0.21	6
	Benomyl	0.056	1.4		1,1-Dichloroethylene	0.025	6
	Benz(a)anthracene	0.059	3.4		trans-1,2-Dichloroethylene	0.054	30
	Benzal Chloride	0.055	6		2,4-Dichlorophenol	0.044	14
	Benzene	0.14	10		2,6-Dichlorophenol	0.044	14
	Benzo(b)fluoranthene	0.11	6.8		2,4-Dichlorophenoxyacetic acid (2,4-D)	0.72	10
	Benzo(k)fluoranthene	0.11	6.8		1,2-Dichloropropane	0.85	18
	Benzo(g,h,i)perylene	0.0055	1.8		cis-1,3-Dichloropropylene	0.036	18
	Benzo(a)pyrene	0.061	3.4		trans-1,3-Dichloropropylene	0.036	18
	alpha-BHC	0.00014	0.066		Dieldrin	0.017	0.1
	beta-BHC	0.00014	0.066		Diethyl phthalate	0.2	21
	delta-BHC	0.023	0.066		Diethylene glycol, dicarbamate	0.056	1.4
	gamma-BHC (Lindane)	0.0017	0.066		p-Dimethylaminoazobenzene	0.13	N/A
	Bromodichloromethane	0.35	15		2,4-Dimethyl phenol	0.036	1.4
	Bromomethane (Methyl bromide)	0.11	15		Dimethyl phthalate	0.047	2
	4-Bromophenyl phenyl ether	0.055	15		Dimetilan	0.056	1.4
	n-Butyl alcohol	5.6	2.6		Di-n-butyl phthalate	0.057	2
	Butyl benzyl phthalate	0.017	28		1,4-Dinitrobenzene	0.32	2
	Butylate	0.042	1.4		4,6-Dinitro-o-cresol	0.28	16
	2-sec-Butyl 4,6-dinitrophenol (Dinoseb)	0.066	2.5		2,4-Dinitrophenol	0.12	16
	Carbaryl	0.006	0.14		2,4-Dinitrotoluene	0.32	14
	Carbenzadim	0.056	1.4		2,6-Dinitrotoluene	0.55	2
	Carbofuran	0.006	0.14		Di-n-octyl phthalate	0.017	2
	Carbofuran phenol	0.056	1.4		Di-n-propylnitrosamine	0.4	1
	Carbon disulfide	3.8	4.8*		1,4-Dioxane	12	1
	Carbon tetrachloride	0.057	6		Diphenylamine	0.92	
	Carbosulfan	0.028	1.4		Diphenylnitrosamine	0.92	
	Chlordane(alpha & gamma)	0.0033	0.26		1,2-Diphenylhydrazine	0.087	N
	p-Chloroaniline	0.46	16		Disulfoton	0.017	6
	Chlorobenzene	0.057	6		Dithiocarbamates (total)	0.028	
	Chlorobenzilate	0.1	N/A		Endosulfan I	0.023	0.0
	2-Chloro-1,3-butadiene	0.057	0.28		Endosulfan II	0.029	0
	Chlorodibromomethane	0.057	15		Endosulfan sulfate	0.029	0
	Chloroethane	0.27	6		Endrin	0.0028	0
	bis-(2-Chloroethoxy)methane	0.036	7.2		Endrin aldehyde	0.025	0
	bis-(2-Chloroethyl)ether	0.033	6		EPTC	0.042	
	2-Chloroethyl vinyl ether	0.062	N/A		Ethyl acetate	0.34	
	Chloroform	0.046	6		Ethyl benzene	0.057	
	bis-(2-Chloroisopropyl)ether	0.055	7.2		Ethyl cyanide (Propanenitrile)	0.24	
	p-Chloro-m-cresol	0.018	14		Ethyl ether	0.12	
	Chloromethane (Methyl chloride)	0.19	30		Ethyl methacrylate	0.14	
	2-Chloronaphthalene	0.055	5.6		Ethylene oxide	0.12	
	2-Chlorophenol	0.044	5.7		bis(2-Ethylhexyl) phthalate	0.28	
	3-Chloropropylene	0.036	30		Famphur	0.017	
	Chrysene	0.059	3.4		Fluoranthene	0.068	
	o-Cresol	0.11	5.6		Fluorene	0.059	
		0.77	5.6		Formetanate hydrochloride	0.056	0.0009

UNIVERSAL TREATMENT STANDARDS(UTS)/UNDERLYING HAZARDOUS CONSTITUENTS(UHC) FORM

Generator Name:

Electrominators Corp

Manifest No:

Page 2 of 2

	WW	NWW	MLI		WW	NWW
MLI						
Formparanate	0.056	1.4		Physostigmine salicylate	0.056	1.4
Heptachlor	0.0012	0.066		Promecarb	0.056	1.4
Heptachlor epoxide	0.016	0.066		Pronamide	0.093	1.5
Hexachlorobenzene	0.055	10		Propham	0.055	1.4
Hexachlorobutadiene	0.055	5.6		Propoxur	0.042	1.4
Hexachlorocyclopentadiene	0.057	2.4		Prosulfocarb	0.067	8.2
Hexachloroethane	0.055	30		Pyrene	0.014	16
Hexachloropropylene	0.035	30		Pyridine	0.081	22
HxCDDs (All Hexachlorodibenzo-p-dioxins)	0.000063	0.001		Safrole	0.72	7.9
HxCDFs (All Hexachlorodibenzofurans)	0.000063	0.001		Silvex (2,4,5-TP)	0.055	14
Indeno (1,2,3-c,d) pyrene	0.0055	3.4		1,2,4,5-Tetrachlorobenzene	0.000063	0.001
Iodomethane	0.19	65		TCDDs (All Tetrachlorodibenzo-p-dioxins)	0.000063	0.001
Isobutyl alcohol	5.6	170		TCDFs (All Tetrachlorodibenzofurans)	0.057	6
Isodrin	0.021	0.066		1,1,1,2-Tetrachloroethane	0.057	6
Isolan	0.056	1.4		1,1,2,2-Tetrachloroethane	0.056	6
Isosafrole	0.081	2.6		Tetrachloroethylene	0.03	7.4
Kepone	0.0011	0.13		2,3,4,6-Tetrachlorophenol	0.019	1.4
Methacrylonitrile	0.24	84		Thiodicarb	0.056	1.4
Methanol	5.6	0.75*		Thiophanate-methyl	0.056	0.28
Methapyriline	0.081	1.5		Tirpate	0.08	10
Methiocarb	0.056	1.4		Toluene	0.0095	2.6
Methomyl	0.028	0.14		Toxaphene	0.042	1.4
Methoxychlor	0.25	0.18		Triallate	0.63	15
Methyl ethyl ketone	0.28	36		Tribromomethane (Bromoform)	0.055	19
Methyl isobutyl ketone	0.14	33		1,2,4-Trichlorobenzene	0.054	6
Methyl methacrylate	0.14	160		1,1,1-Trichloroethane	0.054	6
Methyl methansulfonate	0.018	N/A		1,1,2-Trichloroethane	0.054	6
Methyl parathion	0.014	4.6		Trichloroethylene	0.02	30
3-Methylcholanthrene	0.0055	15		Trichloromonofluoromethane	0.18	7.4
4,4-Methylene bis(2-chloroaniline)	0.5	30		2,4,5-Trichlorophenol	0.035	7.4
Methylene chloride	0.089	30		2,4,6-Trichlorophenol	0.72	7.4
Metolcarb	0.056	1.4		2,4,5-Trichlorophenoxyacetic acid(2,4,5-T)	0.85	30
Mexacarbate	0.056	1.4		1,2,3-Trichloropropane	0.057	30
Molinate	0.042	1.4		1,1,2-Trichloro-1,2,2-trifluoroethane	0.081	1.4
Naphthalene	0.059	5.6		Triethylamine	0.11	0.4
2-Naphthylamine	0.52	N/A		tris-(2,3-Dibromopropyl) phosphate	0.042	1.4
o-Nitroaniline	0.27	14		Vemolate	0.27	
p-Nitroaniline	0.028	28		Vinyl chloride	0.32	3
Nitrobenzene	0.068	14		Xylene(s)	1.2	59
5-Nitro-o-toluidine	0.32	28		Cyanides (Total)	0.86	3
o-Nitrophenol	0.028	13		Cyanides (Amenable)	35	N/A
p-Nitrophenol	0.12	29		Fluoride**	14	N/A
N-Nitrosodiethylamine	0.4	28		Sulfide	1.9	1.1
N-Nitrosodimethylamine	0.4	2.3		Antimony	1.4	5.1
N-Nitroso-di-n-butylamine	0.4	17		Arsenic	1.2	21.4
N-Nitrosomethylamine	0.4	2.3		Barium	0.82	1.2
N-Nitrosomorpholine	0.4	2.3		Beryllium	0.69	0.1
N-Nitrosopiperidine	0.013	35		Cadmium	2.77	0.6
N-Nitrosopyrrolidine	0.013	35		Chromium (Total)	0.69	0.7
Oxamyl	0.056	0.28		Lead	N/A	0.2
Parathion	0.014	4.6		Mercury (Nonwastewater from Retort)	0.15	0.02
Total PCBs	0.1	10		Mercury (All others)	3.98	11.4
Pebulate	0.042	1.4		Nickel	0.62	5
Pentachlorobenzene	0.055	10		Selenium	0.43	0.1
PeCDDs (All Pentachlorodibenzo-p-dioxins)	0.000063	0.001		Silver	1.4	0.2
PeCDFs (All Pentachlorodibenzofurans)	0.000035	0.001		Thallium	4.3	1
Pentachloroethane	0.055	6		Vanadium**	2.61	4
Pentachloronitrobenzene	0.055	4.8		Zinc**		
Pentachlorophenol	0.089	7.4				
Phenacetin	0.081	16				
Phenanthrene	0.059	5.6				
Phenol	0.039	6.2				
o-Phenylenediamine	0.056	5.6				
Phorate	0.021	4.6				
Phthalic acid	0.055	28				
Phthalic anhydride	0.055	28				
Physostigmine	0.056	1.4				

* TCLP Values

** Not UHC in characteristic waste:

Do the waste stream(s) identified on the manifest listed above or on the attached profile contain any of the constituents listed on this table in concentrations above the regulatory levels?

☐ YES☐ NO

Signature

[Signature]

Date:

6/22/80

Chem-Met Services, Inc.
SUBPART CC AND LAND DISPOSAL RESTRICTION NOTIFICATION FORM

Manifest No. NJA3066831

Page _____ of _____

Generator Name Electro-Miniatures Corp

This is a wastewater stream.

NOTE: BOXES CORRESPOND TO MANIFEST LINE ITEM

A	B	C	D
a	b	c	d

This is a non-wastewater stream.

The waste(s) described above, does not meet the applicable treatment standards in 40 CFR 268 Subpart D.

SUBPART CC: INDICATE WHETHER WASTES ON THE MANIFEST ARE REGULATED UNDER SUBPART CC FOR CONTAINING VOC'S
EQUAL TO OR GREATER THAN 500 PPMW BY ENTERING A "Y" FOR "YES" OR "N" FOR "NO" AS APPROPRIATE.

A. CHARACTERISTIC WASTE
CODE

MLI		SUBCATEGORY/DESCRIPTION
		D001 Ignitable Wastes (TOC>10%)
		D001* Ignitable Wastes (TOC<10%)
A	B	D002* Corrosive Wastes
		D003 Reactive Sulfides based on 261.23(a)(5)
		D003* Explosives based on 261.23(a) (6),(7),(8)
		D003 Unexploded ordnance/explosive
		D003* Other Reactive based on 261.23(a)(1)
		D003* Water Reactive based on 261.23(a) (2),(3),(4)
		D003 Reactive Cyanides based on 261.23(a) (5)
		D004* Arsenic
		D005* Barium
		D006* Cadmium
		D006* Cadmium Containing Batteries
A		D007* Chromium
		D008* Lead
		D008* Lead Acid Batteries
		D009* High Mercury-Organic
		D009* High Mercury-Inorganic
		D009* Low Mercury
		D009* Mercury Wastewater
		D010* Selenium
		D011* Silver
		D012* Endrin
		D013* Lindane
		D014* Methoxychlor
		D015* Toxaphene
		D016* 2,4-D
		D017* 2,4,5-TP (Silvex)
		D018* Benzene
		D019* Carbon Tetrachloride
		D020* Chlordane
		D021* Chlorobenzene
		D022* Chloroform
		D023* o-Cresol
		D024* m-Cresol
		D025* p-Cresol
		D026* Cresol (total)
		D027* p-Dichlorobenzene
		D028* 1,2-Dichloroethane
		D029* 1,1-Dichloroethylene
		D030* 2,4-Dinitrotoluene
		D031* Heptachlor
		D032* Hexachlorobenzene
		D033* Hexachlorobutadiene
		D034* Hexachloroethane
	C	D035* Methyl ethyl ketone
		D036* Nitrobenzene
		D037* Pentachlorophenol
		D038* Pyridine
	D	D039* Tetrachloroethylene
		D040* Trichloroethylene
		D041* 2,4,5-Trichlorophenol
		D042* 2,4,6-Trichlorophenol
		D043* Vinyl chloride

B. LISTED WASTE

MLI				CODE
				F001
				F002
				F003
				F004
				F005

CODE	SUBCATEGORY/CONSTITUENTS
F001	Spent Halogenated Solvents
F002	Spent Halogenated Solvents
F003	Spent Non-Halogenated Solvents
F004	Spent Non-Halogenated Solvents
F005	Spent Non-Halogenated Solvents

CHECK REGULATED CONSTITUENTS FOR LISTED WASTES IDENTIFIED ABOVE
(F001-F005):

[illegible]

Acetone
Benzene
n-Butyl alcohol
Carbon disulfide
Carbon tetrachloride
Chlorobenzene
o-Cresol
m-Cresol
p-Cresol
Cresol
Cyclohexanone
o-Dichlorobenzene
Ethyl acetate
Ethyl benzene
Ethyl ether
isobutyl alcohol
Methanol
Methylene chloride
Methyl ethyl ketone
Methyl isobutyl ketone
Nitrobenzene
Pyridine
Tetrachloroethylene
Toluene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
1,1,2-Trichloro-1,2,2-trifluoroethane
Trichloroethylene
Trichloromonofluoromethane
Xylenes
2-Nitropropane
2-Ethoxyethanol

[illegible]

F006	Electroplating WWT sludge
FC35	Wood preserving wastewater
FC37	Petroleum refinery primary oil/water separation sluc
F038	Petroleum refinery secondary oil/water separation :
F039	Multi-source Leachate
K048	Dissolved air flotation float
K049	Slop oil emulsion solids

Does the waste identified by an asterisk (*) contain any Underlying Hazardous Constituents per 268.7(a)(1)? ☒ YES

IF YES, *attach a completed UTS/UHC form to this document*

C. OTHER WASTES (for codes not listed above)

[illegible]

Notes:

Generator Name: Electro-Miniatures Corp.

List all constituents on both pages of this document that are present in D001(except for TOC \geq 10%), D002, D003# and D004-D043 waste streams in concentrations above the stated levels. The regulatory levels are in total concentrations, unless noted with an asterisk. (# Explosive, water reactive and other reactive only) (WW = Wastewater; NWW = Non-Wastewater). Insert the manifest line identifier (MLI) in the boxed to the left of the constituents. If using this form in association with a profile, place an X in the box next to the appropriate constituent(s).

			WW	NWW	MLI		WW	NWW
MLI								
	A2213	0.042	1.4			m-Cumenyl methylcarbamate	0.056	1.4
	Acenaphthene	0.059	3.4			Cyclohexanone	0.36	0.75*
	Acenaphthylene	0.059	3.4			o,p'- DDD	0.023	0.087
	Acetone	0.28	160			p,p'- DDD	0.023	0.087
	Acetonitrile	5.6	38			p,p'- DDE	0.031	0.087
	Acetophenone	0.01	9.7			o,p'- DDE	0.031	0.087
	2-Acetylaminofluorene	0.059	140			p,p'- DDE	0.0039	0.087
	Acrolein	0.29	N/A			o,p'- DDT	0.0039	0.087
	Acrylamide	19	23			p,p'- DDT	0.055	8.2
	Acrylonitrile	0.24	84			Dibenz(a,h)anthracene	0.061	N/A
	Aldicarb sulfone	0.056	0.28			Dibenz(a,e)pyrene	0.11	15
	Aldrin	0.021	0.066			1,2-Dibromo-3-chloropropane	0.128	15
	4-Aminobiphenyl	0.13	N/A			1,2- Dibromoethane (Ethylene dibromide)	0.11	15
	Aniline	0.81	14			Dibromomethane	0.036	6
	Anthracene	0.059	3.4			m-Dichlorobenzene	0.088	6
	Aramite	0.36	N/A			o- Dichlorobenzene	0.09	6
	Barban	0.056	1.4			p- Dichlorobenzene	0.23	7.2
	Bendiocarb	0.056	1.4			Dichlorodifluoromethane	0.059	6
	Bendiocarb phenol	0.056	1.4			1,1- Dichloroethane	0.21	6
	Benomyl	0.059	3.4			1,2- Dichloroethane	0.025	6
	Benz (a) anthracene	0.055	6			1,1- Dichloroethylene	0.054	30
	Benzal Chloride	0.14	10			trans-1,2- Dichloroethylene	0.044	14
	Benzene	0.11	6.8			2,4- Dichlorophenol	0.044	14
	Benzo (b) fluoranthene	0.11	6.8			2,6- Dichlorophenol	0.72	10
	Benzo (k) fluoranthene	0.0055	1.8			2,4-Dichlorophenoxyacetic acid (2,4-D)	0.85	18
	Benzo (g,h,i) perylene	0.061	3.4			1,2- Dichloropropane	0.036	18
	Benzo (a) pyrene	0.00014	0.066			cis-1,3-Dichloropropylene	0.036	18
	alpha-BHC	0.00014	0.066			trans-1,3-Dichloropropylene	0.017	0.13
	beta-BHC	0.023	0.066			Dieldrin	0.2	28
	delta-BHC	0.0017	0.066			Diethyl phthalate	0.056	1.4
	gamma-BHC (Lindane)	0.35	15			Diethylene glycol, dicarbamate	0.13	N/A
	Bromodichloromethane	0.11	15			p-Dimethylaminoazobenzene	0.036	14
	Bromomethane (Methyl bromide)	0.055	15			2,4-Dimethyl phenol	0.047	28
	4-Bromophenyl phenyl ether	5.6	2.6			Dimethyl phthalate	0.056	1.4
	n-Butyl alcohol	0.017	28			Dimetilan	0.057	28
	Butyl benzyl phthalate	0.042	1.4			Di-n-butyl phthalate	0.32	2.3
	Butylate	0.066	2.5			1,4-Dinitrobenzene	0.28	160
	2-sec-Butyl 4,6-dinitrophenol (Dinoseb)	0.006	0.14			4,6-Dinitro-o-cresol	0.12	160
	Carbaryl	0.056	1.4			2,4- Dinitrophenol	0.32	140
	Carbenzadim	0.006	0.14			2,4-Dinitrotoluene	0.55	28
	Carbofuran	0.056	1.4			2,6-Dinitrotoluene	0.017	28
	Carbofuran phenol	3.8	4.8*			Di-n-octyl phthalate	0.4	1
	Carbon disulfide	0.057	6			Di-n-propylnitrosamine	12	17
	Carbon tetrachloride	0.028	1.4			1,4-Dioxane	0.92	1
	Carbosulfan	0.0033	0.25			Diphenylamine	0.92	1
	Chlordane(alpha & gamma)	0.46	16			Diphenylnitrosamine	0.087	N/A
	p-Chloroaniline	0.057	6			1,2- Diphenylhydrazine	0.017	6
	Chlorobenzene	0.1	N/A			Disulfoton	0.028	2
	Chlorobenzilate	0.057	0.28			Dithiocarbamates (total)	0.023	0.06
	2-Chloro-1,3-butadiene	0.057	15			Endosulfan I	0.029	0
	Chlorodibromomethane	0.27	6			Endosulfan II	0.029	0
	Chloroethane	0.036	7.2			Endosulfan sulfate	0.0028	0
	bis-(2-Chloroethoxy)methane	0.033	6			Endrin	0.025	0
	bis-(2-Chloroethyl)ether	0.062	N/A			Endrin aldehyde	0.042	1
	2-Chloroethyl vinyl ether	0.046	6			EPTC	0.34	
	Chloroform	0.055	7.2			Ethyl acetate	0.057	
	bis-(2-Chloroisopropyl)ether	0.018	14			Ethyl benzene	0.24	3
	p-Chloro-m-cresol	0.19	30			Ethyl cyanide (Propanenitrile)	0.12	1
	Chloromethane (Methyl chloride)	0.055	5.6			Ethyl ether	0.14	1
	2-Chloronaphthalene	0.044	5.7			Ethyl methacrylate	0.12	N/A
	2-Chlorophenol	0.036	30			Ethylene oxide	0.28	
	3-Chloropropylene	0.059	3.4			bis(2-Ethylhexyl) phthalate	0.017	
	Chrysene	0.11	5.6			Famphur	0.068	
	o-Cresol	0.77	5.6			Fluoranthene	0.059	
						Fluorene	0.056	
						Formetanate hydrochloride	0.056	0.056

SUBPART CC AND LAND DISPOSAL RESTRICTION NOTIFICATION FORM

Generator Name Electro-minerals Corp Manifest No. 1 Page 1 of 1☐ This is a wastewater stream.☒ This is a non-wastewater stream.

NOTE: BOXES CORRESPOND TO MANIFEST LINE ITEM

The waste(s) described above, does not meet the applicable treatment standards in 40 CFR 268 Subpart D.

SUBPART CC: INDICATE WHETHER WASTES ON THE MANIFEST ARE REGULATED UNDER SUBPART CC FOR CONTAINING VOC'S IN CONCENTRATION LEVELS EQUAL TO OR GREATER THAN 500 PPMW BY ENTERING A "Y" FOR "YES" OR "N" FOR "NO" AS APPROPRIATE.

A. CHARACTERISTIC WASTE

MLI	CODE	SUBCATEGORY/CONSTITUENTS
<input checked="" type="checkbox"/>	D001	Ignitable Wastes (TOC>10%)
<input type="checkbox"/>	D001*	Ignitable Wastes (TOC<10%)
<input type="checkbox"/>	D002*	Corrosive Wastes
<input type="checkbox"/>	D003	Reactive Sulfides based on 261.23(a)(5)
<input type="checkbox"/>	D003*	Explosives based on 261.23(a)(6),(7),(8)
<input type="checkbox"/>	D003	Unexploded ordinance/explosive
<input type="checkbox"/>	D003*	Other Reactive based on 261.23(a)(1)
<input type="checkbox"/>	D003*	Water Reactive based on 261.23(a)(2),(3),(4)
<input type="checkbox"/>	D003	Reactive Cyanides based on 261.23(a)(5)
<input type="checkbox"/>	D004*	Arsenic
<input type="checkbox"/>	D005*	Barium
<input type="checkbox"/>	D006*	Cadmium
<input type="checkbox"/>	D006*	Cadmium Containing Batteries
<input checked="" type="checkbox"/>	D007*	Chromium
<input type="checkbox"/>	D008*	Lead
<input type="checkbox"/>	D008*	Lead Acid Batteries
<input type="checkbox"/>	D009*	High Mercury-Organic
<input type="checkbox"/>	D009*	High Mercury-Inorganic
<input type="checkbox"/>	D009*	Low Mercury
<input type="checkbox"/>	D009*	Mercury Wastewater
<input type="checkbox"/>	D010*	Selenium
<input type="checkbox"/>	D011*	Silver
<input type="checkbox"/>	D012*	Endrin
<input type="checkbox"/>	D013*	Lindane
<input type="checkbox"/>	D014*	Methoxychlor
<input type="checkbox"/>	D015*	Toxaphene
<input type="checkbox"/>	D016*	2,4-D
<input type="checkbox"/>	D017*	2,4,5-TP (Silvex)
<input type="checkbox"/>	D018*	Benzene
<input type="checkbox"/>	D019*	Carbon Tetrachloride
<input type="checkbox"/>	D020*	Chlordane
<input type="checkbox"/>	D021*	Chlorobenzene
<input type="checkbox"/>	D022*	Chloroform
<input type="checkbox"/>	D023*	o-Cresol
<input type="checkbox"/>	D024*	m-Cresol
<input type="checkbox"/>	D025*	p-Cresol
<input type="checkbox"/>	D026*	Cresol (total)
<input type="checkbox"/>	D027*	p-Dichlorobenzene
<input type="checkbox"/>	D028*	1,2-Dichloroethane
<input type="checkbox"/>	D029*	1,1-Dichloroethylene
<input type="checkbox"/>	D030*	2,4-Dinitrotoluene
<input type="checkbox"/>	D031*	Heptachlor
<input type="checkbox"/>	D032*	Hexachlorobenzene
<input type="checkbox"/>	D033*	Hexachlorobutadiene
<input type="checkbox"/>	D034*	Hexachloroethane
<input type="checkbox"/>	D035*	Methyl ethyl ketone
<input type="checkbox"/>	D036*	Nitrobenzene
<input type="checkbox"/>	D037*	Pentachlorophenol
<input type="checkbox"/>	D038*	Pyridine
<input type="checkbox"/>	D039*	Tetrachloroethylene
<input type="checkbox"/>	D040*	Trichloroethylene
<input type="checkbox"/>	D041*	2,4,5-Trichlorophenol
<input type="checkbox"/>	D042*	2,4,6-Trichlorophenol
<input type="checkbox"/>	D043*	Vinyl chloride

B. LISTED WASTE

MLI	CODE	SUBCATEGORY/CONSTITUENTS
<input type="checkbox"/>	F001	Spent Halogenated Solvents
<input type="checkbox"/>	F002	Spent Halogenated Solvents
<input type="checkbox"/>	F003	Spent Non-Halogenated Solvents
<input type="checkbox"/>	F004	Spent Non-Halogenated Solvents
<input type="checkbox"/>	F005	Spent Non-Halogenated Solvents

CHECK REGULATED CONSTITUENTS FOR LISTED WASTES IDENTIFIED ABOVE (F001-F005):

<input type="checkbox"/>	Acetone
<input type="checkbox"/>	Benzene
<input type="checkbox"/>	n-Butyl alcohol
<input type="checkbox"/>	Carbon disulfide
<input type="checkbox"/>	Carbon tetrachloride
<input type="checkbox"/>	Chlorobenzene
<input type="checkbox"/>	o-Cresol
<input type="checkbox"/>	m-Cresol
<input type="checkbox"/>	p-Cresol
<input type="checkbox"/>	Cresol
<input type="checkbox"/>	Cyclohexanone
<input type="checkbox"/>	o-Dichlorobenzene
<input type="checkbox"/>	Ethyl acetate
<input type="checkbox"/>	Ethyl benzene
<input type="checkbox"/>	Ethyl ether
<input type="checkbox"/>	Isobutyl alcohol
<input type="checkbox"/>	Methanol
<input type="checkbox"/>	Methylene chloride
<input type="checkbox"/>	Methyl ethyl ketone
<input type="checkbox"/>	Methyl isobutyl ketone
<input type="checkbox"/>	Nitrobenzene
<input type="checkbox"/>	Pyridine
<input type="checkbox"/>	Tetrachloroethylene
<input type="checkbox"/>	Toluene
<input type="checkbox"/>	1,1,1-Trichloroethane
<input type="checkbox"/>	1,1,2-Trichloroethane
<input type="checkbox"/>	1,1,2-Trichloro-1,2,2-trifluoroethane
<input type="checkbox"/>	Trichloroethylene
<input type="checkbox"/>	Trichloromonofluoromethane
<input type="checkbox"/>	Xylenes
<input type="checkbox"/>	2-Nitropropane
<input type="checkbox"/>	2-Ethoxyethanol

<input type="checkbox"/>	F006	Electroplating WWT sludge
<input type="checkbox"/>	F035	Wood preserving wastewater
<input type="checkbox"/>	F037	Petroleum refinery primary oil/water separation sludge
<input type="checkbox"/>	F038	Petroleum refinery secondary oil/water separation sludge
<input type="checkbox"/>	F039	Multi-source Leachate
<input type="checkbox"/>	K048	Dissolved air flotation float
<input type="checkbox"/>	K049	Slop oil emulsion solids

Does the waste identified by an asterisk (*) contain any Underlying Hazardous Constituent per 268.7(a)(1)? ☒ YES ☐ NO

If YES, *attach a completed UTS/UHC form to this document*

C. OTHER WASTES (for codes not listed above)

MLI	Enter waste codes/subcategory, if applicable, in the table below.
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

UNIVERSAL TREATMENT STANDARDS(UTS)/UNDERLYING HAZARDOUS CONSTITUENTS(UHC) FORM

Manifest No: NJA3066830

Page: 1 of 2

Generator Name: Electro-Miniatures Corp.

List all constituents on both pages of this document that are present in D001(except for TOC \geq 10%), D002, D003# and D004-D043 waste streams in concentrations above the stated levels. The regulatory levels are in total concentrations, unless noted with an asterisk. (# Explosive, water reactive and other reactive only) (WW = Wastewater; NWW = Non-Wastewater). Insert the manifest line identifier (MLI) in the boxed to the left of the constituents. If using this form in association with a profile, place an X in the box next to the appropriate constituent(s).

reactive and other constituents. If using this form in association with a profile, place an X in the box next to				WW	NWW	MLI	MLI	WW	NWW		
MLI				WW	NWW	MLI	MLI	WW	NWW		
	A2213			0.042	1.4					0.056	1.4
	Acenaphthene			0.059	3.4					0.36	0.75*
	Acenaphthylene			0.059	3.4					0.023	0.087
	Acetone			0.28	150					0.023	0.087
	Acetonitrile			5.6	38					0.031	0.087
	Acetophenone			0.01	9.7					0.031	0.087
	2-Acetylaminofluorene			0.059	140					0.0039	0.087
	Acrolein			0.29	N/A					0.0039	0.087
	Acrylamide			19	23					0.055	8.1
	Acrylonitrile			0.24	84					0.061	N/A
	Aldicarb sulfone			0.056	0.28					0.11	1
	Aldrin			0.021	0.056					0.028	1
	4-Aminobiphenyl			0.13	N/A					0.11	1
	Aniline			0.81	14					0.036	
	Anthracene			0.059	3.4					0.088	
	Aramite			0.36	N/A					0.09	
	Barban			0.056	1.4					0.23	7
	Bendiocarb			0.056	1.4					0.059	
	Bendiocarb phenol			0.056	1.4					0.21	
	Benomyl			0.056	1.4					0.025	
	Benz (a) anthracene			0.059	3.4					0.054	
	Benzal Chloride			0.055	6					0.044	
	Benzene			0.14	10					0.044	
	Benzo (b) fluoranthene			0.11	6.8					0.72	
	Benzo (k) fluoranthene			0.11	6.8					0.85	
	Benzo (g,h,i) perylene			0.0055	1.8					0.036	
	Benzo (a) pyrene			0.061	3.4					0.036	
	alpha-BHC			0.00014	0.056					0.017	0
	beta-BHC			0.00014	0.056					0.2	
	delta-BHC			0.023	0.056					0.056	
	gamma-BHC (Lindane)			0.0017	0.056					0.13	
	Bromodichloromethane			0.35	15					0.036	
	Bromomethane (Methyl bromide)			0.11	15					0.047	
	4-Bromophenyl phenyl ether			0.055	15					0.056	
	n-Butyl alcohol			5.6	2.6					0.057	
	Butyl benzyl phthalate			0.017	28					0.32	
	Butylate			0.042	1.4					0.28	
	2-sec-Butyl 4,6-dinitrophenol (Dinoseb)			0.066	2.5					0.12	
	Carbaryl			0.006	0.14					0.32	
	Carbenzadim			0.056	1.4					0.55	
	Carbofuran			0.006	0.14					0.017	
	Carbofuran phenol			0.056	1.4					0.4	
	Carbon disulfide			3.8	4.8*					12	
	Carbon tetrachloride			0.057	6					0.92	
	Carbosulfan			0.028	1.4					0.92	
	Chlordane(alpha & gamma)			0.0033	0.25					0.087	
	p-Chloroaniline			0.46	16					0.017	
	Chlorobenzene			0.057	6					0.028	
	Chlorobenzilate			0.1	N/A					0.023	
	2-Chloro-1,3-butadiene			0.057	0.28					0.029	
	Chlorodibromomethane			0.057	15					0.029	
	Chloroethane			0.27	6					0.0028	
	bis-(2-Chloroethoxy)methane			0.036	7.2					0.025	
	bis-(2-Chloroethyl)ether			0.033	6					0.042	
	2-Chloroethyl vinyl ether			0.062	N/A					0.34	
	Chloroform			0.046	6					0.057	
	bis-(2-Chloroisopropyl)ether			0.055	7.2					0.24	
	p-Chloro-m-cresol			0.018	14					0.12	
	Chloromethane (Methyl chloride)			0.19	30					0.14	
	2-Chloronaphthalene			0.055	5.6					0.12	
	2-Chlorophenol			0.044	5.7					0.28	
	3-Chloropropylene			0.036	30					0.017	
	Chrysene			0.059	3.4					0.068	
	o-Cresol			0.11	5.6					0.059	
				0.77	5.6					0.056	
										0.056	DEVOO

UNIVERSAL TREATMENT STANDARDS(UTS)/UNDERLYING HAZARDOUS CONSTITUENTS(UHC) FORM

Generator Name: Electro-Miniatures Corp.Manifest No: NJA3066830Page 2 of 2

	WW	NWW	MLI		WW	NWW
Formparanate	0.055	1.4		Phystostigmine salicylate	0.055	1.4
Heptachlor	0.0012	0.055		Promecarb	0.055	1.4
Heptachlor epoxide	0.016	0.055		Pronamide	0.093	1.5
Hexachlorobenzene	0.055	10		Propham	0.055	1.4
Hexachlorobutadiene	0.055	5.6		Propoxur	0.042	1.4
Hexachlorocyclopentadiene	0.057	2.4		Prosulfocarb	0.067	8.2
Hexachloroethane	0.055	30		Pyrene	0.014	16
Hexachloropropylene	0.035	30		Pyridine	0.081	22
HxCDDs(All Hexachlorodibenzo-p-dioxins)	0.000063	0.001		Safrole	0.72	7.9
HxCDFs(All Hexachlorodibenzofurans)	0.000063	0.001		Silvex (2,4,5-TP)	0.055	14
Indeno (1,2,3-c,d) pyrene	0.0055	3.4		1,2,4,5-Tetrachlorobenzene	0.000063	0.001
Iodomethane	0.19	65		TCDDs (All Tetrachlorodibenzo-p-dioxins)	0.000063	0.001
Isobutyl alcohol	5.6	170		TCDFs (All Tetrachlorodibenzofurans)	0.057	6
Isodrin	0.021	0.055		1,1,1,2-Tetrachloroethane	0.057	6
Isolan	0.056	1.4		1,1,2,2-Tetrachloroethane	0.056	6
Isosafrole	0.081	2.6		Tetrachloroethylene	0.03	7.1
Kepone	0.0011	0.13		2,3,4,6-Tetrachlorophenol	0.019	1.1
Methacrylonitrile	0.24	84		Thiodicarb	0.055	1.1
Methanol	5.6	0.75*		Thiophanate-methyl	0.055	0.2
Methapyrene	0.081	1.5		Tirpate	0.08	11
Methiocarb	0.056	1.4		Toluene	0.0095	2.1
Methomyl	0.028	0.14		Toxaphene	0.042	1.1
Methoxychlor	0.25	0.18		Triallate	0.63	1
Methyl ethyl ketone	0.28	36		Tribromomethane (Bromoform)	0.055	1
Methyl isobutyl ketone	0.14	33		1,2,4-Trichlorobenzene	0.054	
Methyl methacrylate	0.14	160		1,1,1-Trichloroethane	0.054	
Methyl methansulfonate	0.018	N/A		1,1,2-Trichloroethane	0.054	
Methyl parathion	0.014	4.6		Trichloroethylene	0.02	3
3-Methylcholanthrene	0.0055	15		Trichloromonofluoromethane	0.18	7.1
4,4-Methylene bis(2-chloroaniline)	0.5	30		2,4,5-Trichlorophenol	0.035	7.1
Methylene chloride	0.089	30		2,4,6-Trichlorophenol	0.72	7
Metolcarb	0.056	1.4		2,4,5-Trichlorophenoxyacetic acid(2,4,5-T)	0.85	3
Mexacarbate	0.056	1.4		1,2,3-Trichloropropane	0.057	3
Molinate	0.042	1.4		1,1,2-Trichloro-1,2,2-trifluoroethane	0.081	1
Naphthalene	0.059	5.6		Triethylamine	0.11	0
2-Naphthylamine	0.52	N/A		tris-(2,3-Dibromopropyl) phosphate	0.042	1
o-Nitroaniline	0.27	14		Vernolate	0.27	
p-Nitroaniline	0.028	28		Vinyl chloride	0.32	
Nitrobenzene	0.068	14		Xylene(s)	1.2	5.1
5-Nitro-o-toluidine	0.32	28		Cyanides (Total)	0.86	
o-Nitrophenol	0.026	13		Cyanides (Amenable)	35	N
p-Nitrophenol	0.12	29		Fluoride**	14	N
N-Nitrosodiethylamine	0.4	28		Sulfide	1.9	1.1
N-Nitrosodimethylamine	0.4	2.3		Antimony	1.4	5.1
N-Nitroso-di-n-butylamine	0.4	17		Arsenic	1.2	21
N-Nitrosomethylethylamine	0.4	2.3		Barium	0.82	1.2
N-Nitrosomorpholine	0.4	2.3		Beryllium	0.69	0.1
N-Nitrosopiperidine	0.013	35		Cadmium	2.77	0.6
N-Nitrosopyrrolidine	0.013	35		Chromium (Total)	0.69	0.7
Oxamyl	0.056	0.28		Lead	N/A	0.2
Parathion	0.014	4.6		Mercury (Nonwastewater from Retort)	0.15	0.02
Total PCBs	0.1	10		Mercury (All others)	3.98	11
Pebulate	0.042	1.4		Nickel	0.82	5
Pentachlorobenzene	0.055	10		Selenium	0.43	0.1
PeCDDs (All Pentachlorodibenzo-p-dioxins)	0.000063	0.001		Silver	1.4	0.2
PeCDFs(All Pentachlorodibenzofurans)	0.000035	0.001		Thallium	4.3	1
Pentachloroethane	0.055	6		Vanadium**	2.61	4
Pentachloronitrobenzene	0.055	4.8		Zinc**		
Pentachlorophenol	0.089	7.4				
Phenacetin	0.061	16				
Phenanthrene	0.059	5.6				
Phenol	0.039	6.2				
o-Phenylenediamine	0.055	5.6				
Phorate	0.021	4.6				
Phthalic acid	0.055	28				
Phthalic anhydride	0.055	28				
Phystostigmine	0.056	1.4				

* TCLP Values

Do the waste stream(s) identified on the manifest listed above or on the attached profile contain any of the constituents listed on this table in concentrations above the regulatory levels?

☐ YESSignature: [Signature]☐ NODate: 6/22/00

** Not UHC in characteristic waste

SUBPART CC AND LAND DISPOSAL RESTRICTION NOTIFICATION FORM

Generator Name Electro-Miniatures Corp.

Manifest No. NJA3066831

Page _____ of _____

This is a wastewater stream.

A	B	C	D
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This is a non-wastewater stream.

NOTE: BOXES CORRESPOND TO MANIFEST LINE ITEM

NOTE: BOXES CORRESPOND TO MAXIMUMS

The waste(s) described above, does not meet the applicable treatment standards in 40 CFR 268 Subpart D.

WASTE MANIFEST ON THE MANIFEST ARE REGULATED UNDER

SUBPART CC: INDICATE WHETHER WASTES ON THE MANIFEST ARE REGULATED UNDER SUBPART CC FOR CONTAINING VOC'S IN CONCENTRATION LEVELS EQUAL TO OR GREATER THAN 500 PPMW BY ENTERING A "Y" FOR "YES" OR "N" FOR "NO" AS APPROPRIATE.

CHARACTERISTIC WASTE

MLI		CODE	SUBCATEGORY/CONSTITUENTS
		D001	Ignitable Wastes (TOC>10%)
		D001*	Ignitable Wastes (TOC<10%)
A	B	D002*	Corrosive Wastes
		D003	Reactive Sulfides based on 261.23(a)(5)
		D003*	Explosives based on 261.23(a) (6),(7),(8)
		D003	Unexploded ordnance/explosive
		D003*	Other Reactive based on 261.23(a)(1)
		D003*	Water Reactive based on 261.23(a) (2),(3),(4)
		D003	Reactive Cyanides based on 261.23(a) (5)
		D004*	Arsenic
		D005*	Barium
		D005*	Cadmium
		D006*	Cadmium Containing Batteries
A		D007*	Chromium
		D008*	Lead
		D008*	Lead Acid Batteries
		D009*	High Mercury-Organic
		D009*	High Mercury-Inorganic
		D009*	Low Mercury
		D009*	Mercury Wastewater
		D010*	Selenium
		D011*	Silver
		D012*	Endrin
		D013*	Lindane
		D014*	Methoxychlor
		D015*	Toxaphene
		D016*	2,4-D
		D017*	2,4,5-TP (Silvex)
		D018*	Benzene
		D019*	Carbon Tetrachloride
		D020*	Chlordane
		D021*	Chlorobenzene
		D022*	Chloroform
		D023*	o-Cresol
		D024*	m-Cresol
		D025*	p-Cresol
		D026*	Cresol (total)
		D027*	p-Dichlorobenzene
		D028*	1,2-Dichloroethane
		D029*	1,1-Dichloroethylene
		D030*	2,4-Dinitrotoluene
		D031*	Heptachlor
		D032*	Hexachlorobenzene
		D033*	Hexachlorobutadiene
		D034*	Hexachloroethane
	C	D035*	Methyl ethyl ketone
		D036*	Nitrobenzene
		D037*	Pentachlorophenol
		D038*	Pyridine
	D	D039*	Tetrachloroethylene
		D040*	Trichloroethylene
		D041*	2,4,5-Trichlorophenol
		D042*	2,4,6-Trichlorophenol
		D043*	Vinyl chloride

B. LISTED WASTE

MLI	CODE	SUBCATEGORY/CONSTITUENTS
	F001	Spent Halogenated Solvents
	F002	Spent Halogenated Solvents
	F003	Spent Non-Halogenated Solvents
	F004	Spent Non-Halogenated Solvents
	F005	Spent Non-Halogenated Solvents

CHECK REGULATED CONSTITUENTS FOR LISTED WASTES IDENTIFIED ABOVE
(F001-F005):

	Acetone
	Benzene
	n-Butyl alcohol
	Carbon disulfide
	Carbon tetrachloride
	Chlorobenzene
	o-Cresol
	m-Cresol
	p-Cresol
	Cresol
	Cyclohexanone
	o-Dichlorobenzene
	Ethyl acetate
	Ethyl benzene
	Ethyl ether
	Isobutyl alcohol
	Methanol
	Methylene chloride
	Methyl ethyl ketone
	Methyl isobutyl ketone
	Nitrobenzene
	Pyridine
	Tetrachloroethylene
	Toluene
	1,1,1-Trichloroethane
	1,1,2-Trichloroethane
	1,1,2-Trichloro-1,2,2-trifluoroethane
	Trichloroethylene
	Trichloromonofluoromethane
	Xylenes
	2-Nitropropane
	2-Ethoxyethanol

	F006	Electroplating WWT sludge
	F035	Wood preserving wastewater
	F037	Petroleum refinery primary oil/water separation sludge
	F038	Petroleum refinery secondary oil/water separation sludge
	F039	Multi-source Leachate
	K048	Dissolved air flotation float
	K049	Slop oil emulsion solids

Does the waste identified by an asterisk (*) contain any Underlying Hazardous Constituents per 268.7(a)(1)? ☒ YES

IF YES, *attach a completed UTS/UHC form to this document*

C. OTHER WASTES (for codes not listed above)

[illegible]

Date:

Manifest No:

Page: 1 of 2

Generator Name: ETCONE

List all constituents on both pages of this document that are present in D001(except for TOC $\geq 10\%$), D002, D003# and D004-D043 waste streams in concentrations above the stated levels. The regulatory levels are in total concentrations, unless noted with an asterisk. (# Explosive, water reactive and other reactive only) (WW = Wastewater; NWW = Non-Wastewater). Insert the manifest line identifier (MLI) in the boxed to the left of the constituents. If using this form in association with a profile, place an X in the box next to the appropriate constituent(s).

WW NWW

constituents. If using this form in association with a previous phase of the study, please indicate the phase number in the space provided.			WW		NWW		MLI		WW		NWW	
MLI							MLI					
		A2213	0.042	1.4				m-Cumenyl methylcarbamate	0.056	1.4		
		Acenaphthene	0.059	3.4				Cyclohexanone	0.36	0.75*		
		Acenaphthylene	0.059	3.4				o,p'- DDD	0.023	0.087		
		Acetone	0.28	160				p,p'- DDD	0.023	0.087		
		Acetonitrile	5.6	38				o,p'- DDE	0.031	0.087		
		Acetophenone	0.01	9.7				p,p'- DDE	0.031	0.087		
		2-Acetylaminofluorene	0.059	140				o,p'- DDT	0.0039	0.087		
		Acrolein	0.29	N/A				p,p'- DDT	0.0039	0.087		
		Acrylamide	19	23				Dibenz(a,h)anthracene	0.055	8.2		
		Acrylonitrile	0.24	84				Dibenz(a,e)pyrene	0.061	N/A		
		Aldicarb sulfone	0.056	0.28				1,2-Dibromo-3-chloropropane	0.11	15		
		Aldrin	0.021	0.066				1,2- Dibromoethane (Ethylene dibromide)	0.028	15		
		4-Aminobiphenyl	0.13	N/A				Dibromomethane	0.11	15		
		Aniline	0.81	14				m-Dichlorobenzene	0.036	6		
		Anthracene	0.059	3.4				o- Dichlorobenzene	0.088	6		
		Aramite	0.36	N/A				p- Dichlorobenzene	0.09	6		
		Barban	0.056	1.4				Dichlorodifluoromethane	0.23	7.2		
		Bendiocarb	0.056	1.4				1,1- Dichloroethane	0.059	6		
		Bendiocarb phenol	0.056	1.4				1,2- Dichloroethane	0.21	6		
		Benomyl	0.056	1.4				1,1- Dichloroethylene	0.025	6		
		Benz (a) anthracene	0.059	3.4				trans-1,2- Dichloroethylene	0.054	30		
		Benzal Chloride	0.055	6				2,4- Dichlorophenol	0.044	14		
		Benzene	0.14	10				2,6- Dichlorophenol	0.044	14		
		Benzo (b) fluoranthene	0.11	6.8				2,4-Dichlorophenoxyacetic acid (2,4-D)	0.72	10		
		Benzo (k) fluoranthene	0.11	6.8				1,2- Dichloropropane	0.85	18		
		Benzo (g,h,i) perylene	0.0055	1.8				cis-1,3-Dichloropropylene	0.036	18		
		Benzo (a) pyrene	0.061	3.4				trans-1,3-Dichloropropylene	0.036	18		
		alpha-BHC	0.00014	0.066				Dieldrin	0.017	0.13		
		beta-BHC	0.00014	0.066				Diethyl phthalate	0.2	28		
		delta-BHC	0.023	0.066				Diethylene glycol, dicarbamate	0.056	1.4		
		gamma-BHC (Lindane)	0.0017	0.066				p-Dimethylaminoazobenzene	0.13	N/A		
		Bromodichloromethane	0.35	15				2,4-Dimethyl phenol	0.036	14		
		Bromomethane (Methyl bromide)	0.11	15				Dimethyl phthalate	0.047	28		
		4-Bromophenyl phenyl ether	0.055	15				Dimetilan	0.056	1.4		
		n-Butyl alcohol	5.6	2.6				Di-n-butyl phthalate	0.057	28		
		Butyl benzyl phthalate	0.017	28				1,4-Dinitrobenzene	0.32	2.3		
		Butylate	0.042	1.4				4,6-Dinitro-o-cresol	0.28	160		
		2-sec-Butyl 4,6-dinitrophenol (Dinoseb)	0.066	2.5				2,4- Dinitrophenol	0.12	160		
		Carbaryl	0.006	0.14				2,4-Dinitrotoluene	0.32	140		
		Carbenzadim	0.056	1.4				2,6-Dinitrotoluene	0.55	28		
		Carbofuran	0.006	0.14				Di-n-octyl phthalate	0.017	28		
		Carbofuran phenol	0.056	1.4				Di-n-propylnitrosamine	0.4	14		
		Carbon disulfide	3.8	4.8*				1,4-Dioxane	12	170		
		Carbon tetrachloride	0.057	6				Diphenylamine	0.92	13		
		Carbosulfan	0.028	1.4				Diphenylnitrosamine	0.92	13		
		Chlordane(alpha & gamma)	0.0033	0.26				1,2- Diphenylhydrazine	0.087	N/A		
		p-Chloroaniline	0.46	16				Disulfoton	0.017	6.2		
		Chlorobenzene	0.057	6				Dithiocarbamates (total)	0.028	28		
		Chlorobenzilate	0.1	N/A				Endosulfan I	0.023	0.066		
		2-Chloro-1,3-butadiene	0.057	0.28				Endosulfan II	0.029	0.13		
		Chlorodibromomethane	0.057	15				Endosulfan sulfate	0.029	0.13		
		Chloroethane	0.27	6				Endrin	0.0028	0.13		
		bis-(2-Chloroethoxy)methane	0.036	7.2				Endrin aldehyde	0.025	0.13		
		bis-(2-Chloroethyl)ether	0.033	6				EPTC	0.042	1.4		
		2-Chloroethyl vinyl ether	0.062	N/A				Ethyl acetate	0.34	33		
		Chloroform	0.046	6				Ethyl benzene	0.057	10		
		bis-(2-Chloroisopropyl)ether	0.055	7.2				Ethyl cyanide (Propanenitrile)	0.24	360		
		p-Chloro-m-cresol	0.018	14				Ethyl ether	0.12	160		
		Chloromethane (Methyl chloride)	0.19	30				Ethyl methacrylate	0.14	160		
		2-Chloronaphthalene	0.055	5.6				Ethyl oxide	0.12	N/A		
		2-Chlorophenol	0.044	5.7				Ethylene oxide	0.28	28		
		3-Chloropropylene	0.036	30				bis(2-Ethylhexyl) phthalate	0.017	15		
		Chrysene	0.059	3.4				Famphur	0.068	3.4		
		o-Cresol	0.11	5.6				Fluoranthene	0.059	3.4		
			0.77	5.6				Fluorene	0.056	1.4		
								Formetanate hydrochloride	DEVOOR			

UNIVERSAL TREATMENT STANDARDS(UTS)/UNDERLYING HAZARDOUS CONSTITUENTS(UHC) FORM

Page 2 of 2Generator Name: Electrominators Corp

Manifest No: _____

	WW	NWW	M/L		WW	NWW
M/L						
Formparanate	0.056	1.4		Physostigmine salicylate	0.056	1.4
Heptachlor	0.0012	0.066		Promecarb	0.056	1.4
Heptachlor epoxide	0.016	0.066		Pronamide	0.093	1.5
Hexachlorobenzene	0.055	10		Propham	0.056	1.4
Hexachlorobutadiene	0.055	5.6		Propoxur	0.056	1.4
Hexachlorocyclopentadiene	0.057	2.4		Prosulfocarb	0.042	1.4
Hexachloroethane	0.055	30		Pyrene	0.067	8.2
Hexachloropropylene	0.035	30		Pyridine	0.014	16
HxCDDs (All Hexachlorodibenzo-p-dioxins)	0.000063	0.001		Safrole	0.081	22
HxCDFs (All Hexachlorodibenzofurans)	0.000063	0.001		Silvex (2,4,5-TP)	0.72	7.9
Indeno (1,2,3-c,d) pyrene	0.0055	3.4			0.055	14
Iodomethane	0.19	65		1,2,4,5-Tetrachlorobenzene	0.000063	0.001
Isobutyl alcohol	5.6	170		TCDDs (All Tetrachlorodibenzo-p-dioxins)	0.000063	0.001
Isodrin	0.021	0.056		TCDFs (All Tetrachlorodibenzofurans)	0.057	6
Isolan	0.056	1.4		1,1,1,2-Tetrachloroethane	0.057	6
Isosafrole	0.081	2.6		1,1,2,2-Tetrachloroethane	0.056	6
Kepone	0.0011	0.13		Tetrachloroethylene	0.03	7.4
Methacrylonitrile	0.24	84		2,3,4,6-Tetrachlorophenol	0.019	1.4
Methanol	5.6	0.75*		Thiodicarb	0.056	1.4
Methapyriline	0.081	1.5		Thiophanate-methyl	0.056	0.28
Methiocarb	0.056	1.4		Tirpate	0.08	10
Methomyl	0.028	0.14		Toluene	0.0095	2.6
Methoxychlor	0.25	0.18		Toxaphene	0.042	1.4
Methyl ethyl ketone	0.28	36		Triallate	0.63	15
Methyl isobutyl ketone	0.14	33		Tribromomethane (Bromoform)	0.055	19
Methyl methacrylate	0.14	160		1,2,4-Trichlorobenzene	0.054	6
Methyl methansulfonate	0.018	N/A		1,1,1-Trichloroethane	0.054	6
Methyl parathion	0.014	4.6		1,1,2-Trichloroethane	0.054	6
3-Methylcholanthrene	0.0055	15		Trichloroethylene	0.02	30
4,4-Methylene bis(2-chloroaniline)	0.5	30		Trichloromono-fluoromethane	0.18	7.4
Methylene chloride	0.089	30		2,4,5-Trichlorophenol	0.035	7.4
Metolcarb	0.056	1.4		2,4,6-Trichlorophenol	0.72	7.9
Mexacarbate	0.042	1.4		2,4,5-Trichlorophenoxyacetic acid(2,4,5-T)	0.85	30
Molinate	0.059	5.6		1,2,3-Trichloropropane	0.057	30
Naphthalene	0.52	N/A		1,1,2-Trichloro-1,2,2-trifluoroethane	0.081	1.5
2-Naphthylamine	0.27	14		Triethylamine	0.11	0.1
o-Nitroaniline	0.028	28		tris-(2,3-Dibromopropyl) phosphate	0.042	1.4
p-Nitroaniline	0.068	14		Vemolate	0.27	6
Nitrobenzene	0.32	28		Vinyl chloride	0.32	30
5-Nitro-o-toluidine	0.028	13		Xylene(s)	1.2	590
o-Nitrophenol	0.12	29		Cyanides (Total)	0.86	30
p-Nitrophenol	0.4	28		Cyanides (Amenable)	35	N/A
N-Nitrosodiethylamine	0.4	2.3		Fluoride**	14	N/A
N-Nitrosodimethylamine	0.4	1.7		Sulfide	1.9	1.15*
N-Nitroso-di-n-butylamine	0.4	2.3		Antimony	1.4	5.0*
N-Nitrosomethylethylamine	0.4	2.3		Arsenic	1.2	21.0*
N-Nitrosomorpholine	0.013	35		Barium	0.82	1.22*
N-Nitrosopiperidine	0.013	35		Beryllium	0.69	0.11*
N-Nitrosopyrrolidine	0.056	0.28		Cadmium	2.77	0.60*
Oxamyl	0.014	4.6		Chromium (Total)	0.69	0.75*
Parathion	0.1	10		Lead	N/A	0.20*
Total PCBs	0.042	1.4		Mercury (Nonwastewater from Retort)	0.15	0.025*
Pebulate	0.055	10		Mercury (All others)	3.98	11.0*
Pentachlorobenzene	0.000063	0.001		Nickel	0.82	5.7*
PeCDDs (All Pentachlorodibenzo-p-dioxins)	0.000063	0.001		Selenium	0.43	0.14*
PeCDFs (All Pentachlorodibenzofurans)	0.055	6		Silver	1.4	0.20*
Pentachloroethane	0.055	4.8		Thallium	4.3	1.6*
Pentachloronitrobenzene	0.089	7.4		Vanadium**	2.61	4.3*
Pentachlorophenol	0.081	16		Zinc**		
Phenacetin	0.059	5.6				
Phenanthrene	0.039	6.2				
Phenol	0.056	5.6				
o-Phenylenediamine	0.021	4.6				
Phorate	0.055	28				
Phthalic acid	0.055	28				
Phthalic anhydride	0.056	1.4				
Physostigmine						

* TCLP Values

** Not UHC in characteristic wastes (

Do the waste stream(s) identified on the manifest listed above or on the attached profile contain any of the constituents listed on this table in concentrations above the regulatory levels?

☐ YES☐ NOSignature [Signature]Date: 6/22/00

SUBPART CC AND LAND DISPOSAL RESTRICTION NOTIFICATION FORM

Generator Name

Electro-miniators Corp

Manifest No.

Page _____ of _____

This is a wastewater stream.

This is a non-wastewater stream.

NOTE: BOXES CORRESPOND TO MANIFEST LINE ITEM

NOTE: BOXES CORRESPOND TO MANIFEST BOX NUMBERS

The waste(s) described above, does not meet the applicable treatment standards in 40 CFR 268 Subpart D.

CONTAINER WASTES ON THE MANIFEST ARE REGULATED UNDER

SUBPART CC: INDICATE WHETHER WASTES ON THE MANIFEST ARE REGULATED UNDER SUBPART CC FOR CONTAINING VOC'S IN CONCENTRATION LEVELS EQUAL TO OR GREATER THAN 500 PPMW BY ENTERING A "Y" FOR "YES" OR "N" FOR "NO" AS APPROPRIATE.

A. CHARACTERISTIC WASTE

MLI		CODE	SUBCATEGORY/CONSTITUENTS
		D001	Ignitable Wastes (TOC>10%)
		D001*	Ignitable Wastes (TOC<10%)
X		D002*	Corrosive Wastes
		D003	Reactive Sulfides based on 261.23(a)(5)
		D003*	Explosives based on 261.23(a) (6),(7),(8)
		D003	Unexploded ordnance/explosive
		D003*	Other Reactive based on 261.23(a)(1)
		D003*	Water Reactive based on 261.23(a) (2),(3),(4)
		D003	Reactive Cyanides based on 261.23(a) (5)
		D004*	Arsenic
		D005*	Barium
		D006*	Cadmium
		D006*	Cadmium Containing Batteries
X		D007*	Chromium
		D008*	Lead
		D008*	Lead Acid Batteries
		D009*	High Mercury-Organic
		D009*	High Mercury-Inorganic
		D009*	Low Mercury
		D009*	Mercury Wastewater
		D010*	Selenium
		D011*	Silver
		D012*	Endrin
		D013*	Lindane
		D014*	Methoxychlor
		D015*	Toxaphene
		D016*	2,4-D
		D017*	2,4,5-TP (Silvex)
		D018*	Benzene
		D019*	Carbon Tetrachloride
		D020*	Chloroane
		D021*	Chlorobenzene
		D022*	Chloroform
		D023*	o-Cresol
		D024*	m-Cresol
		D025*	p-Cresol
		D026*	Cresol (total)
		D027*	p-Dichlorobenzene
		D028*	1,2-Dichloroethane
		D029*	1,1-Dichloroethylene
		D030*	2,4-Dinitrotoluene
		D031*	Heptachlor
		D032*	Hexachlorobenzene
		D033*	Hexachlorobutadiene
		D034*	Hexachloroethane
		D035*	Methyl ethyl ketone
		D036*	Nitrobenzene
		D037*	Pentachlorophenol
		D038*	Pyridine
		D039*	Tetrachloroethylene
		D040*	Trichloroethylene
		D041*	2,4,5-Trichlorophenol
		D042*	2,4,6-Trichlorophenol
		D043*	Vinyl chloride

B. LISTED WASTE

MLI	CODE	SUBCATEGORY/CONSTITUENTS
	F001	Spent Halogenated Solvents
	F002	Spent Halogenated Solvents
	F003	Spent Non-Halogenated Solvents
	F004	Spent Non-Halogenated Solvents
	F005	Spent Non-Halogenated Solvents

CHECK REGULATED CONSTITUENTS FOR LISTED WASTES IDENTIFIED ABOVE
(F001-F005):

			Acetone
			Benzene
			n-Butyl alcohol
			Carbon disulfide
			Carbon tetrachloride
			Chlorobenzene
			o-Cresol
			m-Cresol
			p-Cresol
			Cresol
			Cyclohexanone
			o-Dichlorobenzene
			Ethyl acetate
			Ethyl benzene
			Ethyl ether
			Isobutyl alcohol
			Methanol
			Methylene chloride
			Methyl ethyl ketone
			Methyl isobutyl ketone
			Nitrobenzene
			Pyridine
			Tetrachloroethylene
			Toluene
			1,1,1-Trichloroethane
			1,1,2-Trichloroethane
			1,1,2-Trichloro-1,2,2-trifluoroethane
			Trichloroethylene
			Trichloromonofluoromethane
			Xylenes
			2-Nitropropane
			2-Ethoxyethanol
		F006	Electroplating WWT sludge
		F035	Wood preserving wastewater
		F037	Petroleum refinery primary oil/water
		F038	Petroleum refinery secondary oil/water
		F039	Multi-source Leachate
		K048	Dissolved air flotation float
		K049	Slop oil emulsion solids

Does the waste identified by an asterisk (*) contain any Underlying Hazardous Constituents per 268.7(a)(1)? ☒ YES

IF YES, "attach a completed UTS/UHC form to this document"

C. OTHER WASTES (for codes not listed above)

[illegible]

Date: _____

Generator Name: Electro-Miniatures Corp.

List all constituents on both pages of this document that are present in D001(except for TOC \geq 10%), D002, D003# and D004-D043 waste streams in concentrations above the stated levels. The regulatory levels are in total concentrations, unless noted with an asterisk. (# Explosive, water reactive and other reactive only) (WW = Wastewater; NWW = Non-Wastewater). Insert the manifest line identifier (MLI) in the boxed to the left of the constituents. If using this form in association with a profile, place an X in the box next to the appropriate constituent(s).

MLI		WW	NWW	MLI		WW	NWW
	A2213	0.042	1.4		m-Cumenyl methylcarbamate	0.056	1.4
	Acenaphthene	0.059	3.4		Cyclohexanone	0.36	0.75*
	Acenaphthylene	0.059	3.4		o,p'-DDD	0.023	0.087
	Acetone	0.28	160		p,p'-DDD	0.023	0.087
	Acetonitrile	5.6	38		o,p'-DDE	0.031	0.087
	Acetophenone	0.01	9.7		p,p'-DDE	0.031	0.087
	2-Acetylaminofluorene	0.059	140		o,p'-DDT	0.0039	0.087
	Acrolein	0.29	N/A		p,p'-DDT	0.0039	0.087
	Acrylamide	19	23		Dibenz(a,h)anthracene	0.055	8.2
	Acrylonitrile	0.24	84		Dibenz(a,e)pyrene	0.061	N/A
	Aldicarb sulfone	0.056	0.28		1,2-Dibromo-3-chloropropane	0.11	15
	Aldrin	0.021	0.066		1,2-Dibromoethane (Ethylene dibromide)	0.028	15
	4-Aminobiphenyl	0.13	N/A		Dibromomethane	0.11	15
	Aniline	0.81	14		m-Dichlorobenzene	0.036	6
	Anthracene	0.059	3.4		o-Dichlorobenzene	0.088	6
	Aramite	0.36	N/A		p-Dichlorobenzene	0.09	6
	Barban	0.056	1.4		Dichlorodifluoromethane	0.23	7.2
	Bendiocarb	0.056	1.4		1,1-Dichloroethane	0.059	
	Bendiocarb phenol	0.056	1.4		1,2-Dichloroethane	0.21	
	Benomyl	0.056	1.4		1,1-Dichloroethylene	0.025	
	Benz(a)anthracene	0.059	3.4		trans-1,2-Dichloroethylene	0.054	3
	Benzal Chloride	0.055	6		2,4-Dichlorophenol	0.044	1
	Benzene	0.14	10		2,6-Dichlorophenol	0.044	1
	Benzo(b)fluoranthene	0.11	6.8		2,4-Dichlorophenoxyacetic acid (2,4-D)	0.72	1
	Benzo(k)fluoranthene	0.11	6.8		1,2-Dichloropropane	0.85	1
	Benzo(g,h,i)perylene	0.0055	1.8		cis-1,3-Dichloropropylene	0.036	
	Benzo(a)pyrene	0.061	3.4		trans-1,3-Dichloropropylene	0.036	
	alpha-BHC	0.00014	0.066		Dieldrin	0.017	0.2
	beta-BHC	0.00014	0.066		Diethyl phthalate	0.2	
	delta-BHC	0.023	0.066		Diethylene glycol, dicarbamate	0.056	1
	gamma-BHC (Lindane)	0.0017	0.066		p-Dimethylaminoazobenzene	0.13	N
	Bromodichloromethane	0.35	15		2,4-Dimethyl phenol	0.036	
	Bromomethane (Methyl bromide)	0.11	15		Dimethyl phthalate	0.047	
	4-Bromophenyl phenyl ether	0.055	15		Dimetilan	0.056	
	n-Butyl alcohol	5.6	2.6		Di-n-butyl phthalate	0.057	
	Butyl benzyl phthalate	0.017	28		1,4-Dinitrobenzene	0.32	
	Butylate	0.042	1.4		4,6-Dinitro-o-cresol	0.28	1
	2-sec-Butyl 4,6-dinitrophenol (Dinoseb)	0.066	2.5		2,4-Dinitrophenol	0.12	1
	Carbaryl	0.006	0.14		2,4-Dinitrotoluene	0.32	1
	Carbenzadim	0.056	1.4		2,6-Dinitrotoluene	0.55	
	Carbofuran	0.006	0.14		Di-n-octyl phthalate	0.017	
	Carbofuran phenol	0.056	1.4		Di-n-propylnitrosamine	0.4	
	Carbon disulfide	3.8	4.8*		1,4-Dioxane	12	
	Carbon tetrachloride	0.057	6		Diphenylamine	0.92	
	Carbosulfan	0.028	1.4		Diphenylnitrosamine	0.92	
	Chlordane(alpha & gamma)	0.0033	0.26		1,2-Diphenylhydrazine	0.087	1
	p-Chloroaniline	0.46	16		Disulfoton	0.017	
	Chlorobenzene	0.057	6		Dithiocarbamates (total)	0.028	
	Chlorobenzilate	0.1	N/A		Endosulfan I	0.023	0.2
	2-Chloro-1,3-butadiene	0.057	0.28		Endosulfan II	0.029	0.2
	Chlorodibromomethane	0.057	15		Endosulfan sulfate	0.029	0.2
	Chloroethane	0.27	6		Endrin	0.0028	0.2
	bis-(2-Chloroethoxy)methane	0.036	7.2		Endrin aldehyde	0.025	0.2
	bis-(2-Chloroethyl)ether	0.033	6		EPTC	0.042	
	2-Chloroethyl vinyl ether	0.062	N/A		Ethyl acetate	0.34	
	Chloroform	0.046	6		Ethyl benzene	0.057	
	bis-(2-Chloroisopropyl)ether	0.055	7.2		Ethyl cyanide (Propanenitrile)	0.24	
	p-Chloro-m-cresol	0.018	14		Ethyl ether	0.12	
	Chloromethane (Methyl chloride)	0.19	30		Ethyl methacrylate	0.14	
	2-Chloronaphthalene	0.055	5.6		Ethylene oxide	0.12	
	2-Chlorophenol	0.044	5.7		bis(2-Ethylhexyl) phthalate	0.28	
	3-Chloropropylene	0.036	30		Famphur	0.017	
	Chrysene	0.059	3.4		Fluoranthene	0.068	
	o-Cresol	0.11	5.6		Fluorene	0.059	
		0.77	5.6		Formetanate hydrochloride	0.056	0.2

UNIVERSAL TREATMENT STANDARDS(UTS)/UNDERLYING HAZARDOUS CONSTITUENTS(UHC) FORM

Generator Name: Electro-Miniatures Corp.Manifest No: NJA3066831Page 2 of 2

MLI	WW	NWW	MLI	WW	NWW
<input type="checkbox"/>	Formparanate	0.056 1.4	<input type="checkbox"/>	Physostigmine salicylate	0.056 1.4
<input type="checkbox"/>	Heptachlor	0.0012 0.066	<input type="checkbox"/>	Promecarb	0.056 1.4
<input type="checkbox"/>	Heptachlor epoxide	0.016 0.066	<input type="checkbox"/>	Pronamide	0.093 1.5
<input type="checkbox"/>	Hexachlorobenzene	0.055 10	<input type="checkbox"/>	Propam	0.056 1.4
<input type="checkbox"/>	Hexachlorobutadiene	0.055 5.6	<input type="checkbox"/>	Propoxur	0.056 1.4
<input type="checkbox"/>	Hexachlorocyclopentadiene	0.057 2.4	<input type="checkbox"/>	Prosulfocarb	0.042 1.4
<input type="checkbox"/>	Hexachloroethane	0.055 30	<input type="checkbox"/>	Pyrene	0.067 8.2
<input type="checkbox"/>	Hexachloropropylene	0.035 30	<input type="checkbox"/>	Pyridine	0.014 16
<input type="checkbox"/>	HxCDDs (All Hexachlorodibenzo-p-dioxins)	0.000063 0.001	<input type="checkbox"/>	Safrole	0.081 22
<input type="checkbox"/>	HxCDFs (All Hexachlorodibenzofurans)	0.000063 0.001	<input type="checkbox"/>	Sivex (2,4,5-TP)	0.72 7.9
<input type="checkbox"/>	Indeno (1,2,3-c,d) pyrene	0.0055 3.4	<input type="checkbox"/>	TCDDs (All Tetrachlorodibenzo-p-dioxins)	0.055 14
<input type="checkbox"/>	Iodomethane	0.19 65	<input type="checkbox"/>	TCDFs (All Tetrachlorodibenzofurans)	0.000063 0.001
<input type="checkbox"/>	Isobutyl alcohol	5.6 170	<input type="checkbox"/>	1,1,1,2-Tetrachloroethane	0.057 6
<input type="checkbox"/>	Isodrin	0.021 0.066	<input type="checkbox"/>	1,1,2,2-Tetrachloroethane	0.057 6
<input type="checkbox"/>	Isolan	0.056 1.4	<input type="checkbox"/>	Tetrachloroethylene	0.056 6
<input type="checkbox"/>	Isosafrole	0.081 2.6	<input type="checkbox"/>	2,3,4,6-Tetrachlorophenol	0.03 7.4
<input type="checkbox"/>	Kepone	0.0011 0.13	<input type="checkbox"/>	Thiodicarb	0.019 1.4
<input type="checkbox"/>	Methacrylonitrile	0.24 84	<input type="checkbox"/>	Thiophanate-methyl	0.056 1.4
<input type="checkbox"/>	Methanol	5.6 0.75*	<input type="checkbox"/>	Tirpate	0.056 0.28
<input type="checkbox"/>	Methapyrilene	0.081 1.5	<input type="checkbox"/>	Toluene	0.08 10
<input type="checkbox"/>	Methiocarb	0.056 1.4	<input type="checkbox"/>	Toxaphene	0.0095 2.6
<input type="checkbox"/>	Methomyl	0.028 0.14	<input type="checkbox"/>	Triallate	0.042 1.4
<input type="checkbox"/>	Methoxychlor	0.25 0.18	<input type="checkbox"/>	Tribromomethane (Bromoform)	0.63 15
<input type="checkbox"/>	Methyl ethyl ketone	0.28 36	<input type="checkbox"/>	1,2,4-Trichlorobenzene	0.055 19
<input type="checkbox"/>	Methyl isobutyl ketone	0.14 33	<input type="checkbox"/>	1,1,1-Trichloroethane	0.054 6
<input type="checkbox"/>	Methyl methacrylate	0.14 160	<input type="checkbox"/>	1,1,2-Trichloroethane	0.054 6
<input type="checkbox"/>	Methyl methanesulfonate	0.018 N/A	<input type="checkbox"/>	Trichloroethylene	0.054 6
<input type="checkbox"/>	Methyl parathion	0.014 4.6	<input type="checkbox"/>	Trichloromonofluoromethane	0.02 30
<input type="checkbox"/>	3-Methylcholanthrene	0.0055 15	<input type="checkbox"/>	2,4,5-Trichlorophenol	0.18 7.4
<input type="checkbox"/>	4,4-Methylene bis(2-chloroaniline)	0.5 30	<input type="checkbox"/>	2,4,6-Trichlorophenol	0.035 7.4
<input type="checkbox"/>	Methylene chloride	0.089 30	<input type="checkbox"/>	2,4,5-Trichlorophenoxyacetic acid(2,4,5-T)	0.72 7.9
<input type="checkbox"/>	Metolcarb	0.056 1.4	<input type="checkbox"/>	1,2,3-Trichloropropane	0.85 30
<input type="checkbox"/>	Mexacarbate	0.056 1.4	<input type="checkbox"/>	1,1,2-Trichloro-1,2,2-trifluoroethane	0.057 30
<input type="checkbox"/>	Molinate	0.042 1.4	<input type="checkbox"/>	Triethylamine	0.081 1.5
<input type="checkbox"/>	Naphthalene	0.059 5.6	<input type="checkbox"/>	tris-(2,3-Dibromopropyl) phosphate	0.11 0.1
<input type="checkbox"/>	2-Naphthylamine	0.52 N/A	<input type="checkbox"/>	Vermolate	0.042 1.4
<input type="checkbox"/>	o-Nitroaniline	0.27 14	<input type="checkbox"/>	Vinyl chloride	0.27 6
<input type="checkbox"/>	p-Nitroaniline	0.028 28	<input type="checkbox"/>	Xylene(s)	0.32 30
<input type="checkbox"/>	Nitrobenzene	0.068 14	<input type="checkbox"/>	Cyanides (Total)	1.2 590
<input type="checkbox"/>	5-Nitro-o-toluidine	0.32 28	<input type="checkbox"/>	Cyanides (Amenable)	0.86 30
<input type="checkbox"/>	o-Nitrophenol	0.028 13	<input type="checkbox"/>	Fluoride**	35 N/A
<input type="checkbox"/>	p-Nitrophenol	0.12 29	<input type="checkbox"/>	Sulfide	14 N/A
<input type="checkbox"/>	N-Nitrosodiethylamine	0.4 28	<input type="checkbox"/>	Antimony	1.9 1.15*
<input type="checkbox"/>	N-Nitrosodimethylamine	0.4 2.3	<input type="checkbox"/>	Arsenic	1.4 5.0*
<input type="checkbox"/>	N-Nitroso-di-n-butylamine	0.4 17	<input type="checkbox"/>	Barium	1.2 21.0*
<input type="checkbox"/>	N-Nitrosomethylethylamine	0.4 2.3	<input type="checkbox"/>	Beryllium	0.82 1.22*
<input type="checkbox"/>	N-Nitrosomorpholine	0.4 2.3	<input type="checkbox"/>	Cadmium	0.69 0.11*
<input type="checkbox"/>	N-Nitrosopiperidine	0.013 35	<input type="checkbox"/>	Chromium (Total)	2.77 0.60*
<input type="checkbox"/>	N-Nitrosopyrrolidine	0.013 35	<input type="checkbox"/>	Lead	0.59 0.75*
<input type="checkbox"/>	Oxamyl	0.056 0.28	<input type="checkbox"/>	Mercury (Nonwastewater from Retort)	N/A 0.20*
<input type="checkbox"/>	Parathion	0.014 4.6	<input type="checkbox"/>	Mercury (All others)	0.15 0.025*
<input type="checkbox"/>	Total PCBs	0.1 10	<input type="checkbox"/>	Nickel	3.98 11.0*
<input type="checkbox"/>	Pebulate	0.042 1.4	<input type="checkbox"/>	Selenium	0.82 5.7*
<input type="checkbox"/>	Pentachlorobenzene	0.055 10	<input type="checkbox"/>	Silver	0.43 0.14*
<input type="checkbox"/>	PeCDDs (All Pentachlorodibenzo-p-dioxins)	0.000063 0.001	<input type="checkbox"/>	Thallium	1.4 0.20*
<input type="checkbox"/>	PeCDFs (All Pentachlorodibenzofurans)	0.000035 0.001	<input type="checkbox"/>	Vanadium**	4.3 1.6*
<input type="checkbox"/>	Pentachloroethane	0.055 6	<input type="checkbox"/>	Zinc**	2.51 4.3*
<input type="checkbox"/>	Pentachloronitrobenzene	0.055 4.8			
<input type="checkbox"/>	Pentachlorophenol	0.089 7.4			
<input type="checkbox"/>	Phenacetin	0.081 16			
<input type="checkbox"/>	Phenanthrene	0.059 5.6			
<input type="checkbox"/>	Phenol	0.039 6.2			
<input type="checkbox"/>	o-Phenylenediamine	0.056 5.6			
<input type="checkbox"/>	Phorate	0.021 4.6			
<input type="checkbox"/>	Phthalic acid	0.055 28			
<input type="checkbox"/>	Phthalic anhydride	0.055 28			
<input type="checkbox"/>	Physostigmine	0.056 1.4			

* TCLP Values

** Not UHC in characteristic wastes (268).

Do the waste stream(s) identified on the manifest listed above or on the attached profile contain any of the constituents listed on this table in concentrations above the regulatory levels?

☐ YES☐ NO

Signature

Paul W. Wei

Date:

6/22/00

SUBPART CC AND LAND DISPOSAL RESTRICTION NOTIFICATION FORM

Page ____ of ____

Generator Name Electro-miniature Corp.Manifest No.

a	b	c	d

This is a non-wastewater stream.

This is a wastewater stream.

NOTE: BOXES CORRESPOND TO MANIFEST LINE ITEM

The waste(s) described above, does not meet the applicable treatment standards in 40 CFR 268 Subpart D.

SUBPART CC: INDICATE WHETHER WASTES ON THE MANIFEST ARE REGULATED UNDER SUBPART CC FOR CONTAINING VOC'S IN CONCENTRATION LEVEL EQUAL TO OR GREATER THAN 500 PPMW BY ENTERING A "Y" FOR "YES" OR "N" FOR "NO" AS APPROPRIATE.

A. CHARACTERISTIC WASTE

M L I	CODE	SUBCATEGORY/CONSTITUENTS
	D001	Ignitable Wastes (TOC > 10%)
	D001*	Ignitable Wastes (TOC < 10%)
	D002*	Corrosive Wastes
	D003	Reactive Sulfides based on 261.23(a)(5)
	D003*	Explosives based on 261.23(a) (6), (7), (8)
	D003	Unexploded ordnance/explosive
	D003*	Other Reactive based on 261.23(a)(1)
	D003*	Water Reactive based on 261.23(a) (2), (3), (4)
	D003	Reactive Cyanides based on 261.23(a) (5)
	D004*	Arsenic
	D005*	Barium
	D006*	Cadmium
	D006*	Cadmium Containing Batteries
	D007*	Chromium
	D008*	Lead
	D008*	Lead Acid Batteries
	D009*	High Mercury-Organic
	D009*	High Mercury-Inorganic
	D009*	Low Mercury
	D009*	Mercury Wastewater
	D010*	Selenium
	D011*	Silver
	D012*	Endrin
	D013*	Lindane
	D014*	Methoxychlor
	D015*	Toxaphene
	D016*	2,4-D
	D017*	2,4,5-TP (Silvex)
	D018*	Benzene
	D019*	Carbon Tetrachloride
	D020*	Chlordane
	D021*	Chlorobenzene
	D022*	Chloroform
	D023*	o-Cresol
	D024*	m-Cresol
	D025*	p-Cresol
	D026*	Cresol (total)
	D027*	p-Dichlorobenzene
	D028*	1,2-Dichloroethane
	D029*	1,1-Dichloroethylene
	D030*	2,4-Dinitrotoluene
	D031*	Heptachlor
	D032*	Hexachlorobenzene
	D033*	Hexachlorobutadiene
	D034*	Hexachloroethane
	D035*	Methyl ethyl ketone
	D036*	Nitrobenzene
	D037*	Pentachlorophenol
	D038*	Pyridine
	D039*	Tetrachloroethylene
	D040*	Trichloroethylene
	D041*	2,4,5-Trichlorophenol
	D042*	2,4,6-Trichlorophenol
	D043*	Vinyl chloride

B. LISTED WASTE

M L I	CODE	SUBCATEGORY/CONSTITUENTS
	F001	Spent Halogenated Solvents
	F002	Spent Halogenated Solvents
	F003	Spent Non-Halogenated Solvents
	F004	Spent Non-Halogenated Solvents
	F005	Spent Non-Halogenated Solvents

CHECK REGULATED CONSTITUENTS FOR LISTED WASTES IDENTIFIED ABOVE (F001-F005):

	Acetone
	Benzene
	n-Butyl alcohol
	Carbon disulfide
	Carbon tetrachloride
	Chlorobenzene
	o-Cresol
	m-Cresol
	p-Cresol
	Cresol
	Cyclohexanone
	o-Dichlorobenzene
	Ethyl acetate
	Ethyl benzene
	Ethyl ether
	Isobutyl alcohol
	Methanol
	Methylene chloride
	Methyl ethyl ketone
	Methyl isobutyl ketone
	Nitrobenzene
	Pyridine
	Tetrachloroethylene
	Toluene
	1,1,1-Trichloroethane
	1,1,2-Trichloroethane
	1,1,2-Trichloro-1,2,2-trifluoroethane
	Trichloroethylene
	Trichloromonofluoromethane
	Xylenes
	2-Nitropropane
	2-Ethoxyethanol
	F006 Electroplating WWT sludge
	F035 Wood preserving wastewater
	F037 Petroleum refinery primary oil/water separation sludge
	F038 Petroleum refinery secondary oil/water separation
	F039 Multi-source Leachate
	K048 Dissolved air flotation float
	K049 Slop oil emulsion solids

Does the waste identified by an asterisk (*) contain any Underlying Hazardous Constituent per 268.7(a)(1)?

 YES

NO

If YES, *attach a completed UTS/UHC form to this document*

C. OTHER WASTES (for codes not listed above)

M L I	Enter waste codes/subcategory, if applicable, in the table below.

Date:

UNIVERSAL TREATMENT STANDARDS(UTS)/UNDERLYING HAZARDOUS CONSTITUENTS(UHC) FORM

Generator Name: Electro-Miniatures Corp.

Manifest No: NJA3066831

Page: 1 of 2

List all constituents on both pages of this document that are present in D001(except for TOC ≥ 10%), D002, D003# and D004-D043 waste streams in concentrations above the stated levels. The regulatory levels are in total concentrations, unless noted with an asterick. (# Explosive, water reactive and other reactive only) (WW = Wastewater; NWW = Non-Wastewater). Insert the manifest line identifier (MLI) in the boxed to the left of the constituents. If using this form in association with a profile, place an X in the box next to the appropriate constituent(s).

MLI		WW	NWW	MLI		WW	NWW
	A2213	0.042	1.4		m-Cumenyl methylcarbamate	0.056	1.
	Acenaphthene	0.059	3.4		Cyclohexanone	0.36	0.75
	Acenaphthylene	0.059	3.4		o,p'- DDC	0.023	0.08
	Acetone	0.28	160		p,p'- DDC	0.023	0.08
	Acetonitrile	5.6	38		o,p'- DDE	0.031	0.08
	Acetophenone	0.01	9.7		p,p'- DDE	0.031	0.08
	2-Acetylaminofluorene	0.059	140		o,p'- DDT	0.0039	0.08
	Acrolein	0.29	N/A		p,p'- DDT	0.0039	0.08
	Acrylamide	19	23		Dibenz(a,h)anthracene	0.055	8.
	Acrylonitrile	0.24	84		Dibenz(a,e)pyrene	0.061	N/
	Aldicarb sulfone	0.056	0.28		1,2-Dibromo-3-chloropropane	0.11	1
	Aldrin	0.021	0.066		1,2- Dibromoethane (Ethylene dibromide)	0.028	1
	4-Aminobiphenyl	0.13	N/A		Dibromomethane	0.11	1
	Aniline	0.81	14		m-Dichlorobenzene	0.036	
	Anthracene	0.059	3.4		o- Dichlorobenzene	0.088	
	Aramite	0.36	N/A		p- Dichlorobenzene	0.09	
	Barban	0.056	1.4		Dichlorodifluoromethane	0.23	7.
	Bendiocarb	0.056	1.4		1,1- Dichloroethane	0.059	
	Bendiocarb phenol	0.056	1.4		1,2- Dichloroethane	0.21	
	Benomyl	0.056	1.4		1,1- Dichloroethylene	0.025	
	Benz (a) anthracene	0.059	3.4		trans-1,2- Dichloroethylene	0.054	3
	Benzal Chloride	0.055	6		2,4- Dichlorophenol	0.044	1
	Benzene	0.14	10		2,6- Dichlorophenol	0.044	1
	Benzo (b) fluoranthene	0.11	6.8		2,4-Dichlorophenoxyacetic acid (2,4-D)	0.72	1
	Benzo (k) fluoranthene	0.11	6.8		1,2- Dichloropropane	0.85	1
	Benzo (g,h,i) perylene	0.0055	1.8		cis-1,3-Dichloropropylene	0.036	1
	Benzo (a) pyrene	0.061	3.4		trans-1,3-Dichloropropylene	0.036	1
	alpha-BHC	0.00014	0.066		Dieldrin	0.017	0.1
	beta-BHC	0.00014	0.066		Diethyl phthalate	0.2	2
	delta-BHC	0.023	0.066		Diethylene glycol, dicarbamate	0.056	1.
	gamma-BHC (Lindane)	0.0017	0.066		p-Dimethylaminoazobenzene	0.13	N/
	Bromodichloromethane	0.35	15		2,4-Dimethyl phenol	0.036	1
	Bromomethane (Methyl bromide)	0.11	15		Dimethyl phthalate	0.047	2
	4-Bromophenyl phenyl ether	0.055	15		Dimetilan	0.056	1.
	n-Butyl alcohol	5.6	2.6		Di-n-butyl phthalate	0.057	2
	Butyl benzyl phthalate	0.017	28		1,4-Dinitrobenzene	0.32	2.
	Butylate	0.042	1.4		4,6-Dinitro-o-cresol	0.28	16
	2-sec-Butyl 4,6-dinitrophenol (Dinoseb)	0.066	2.5		2,4- Dinitrophenol	0.12	16
	Carbaryl	0.006	0.14		2,4-Dinitrotoluene	0.32	14
	Carbenzadim	0.056	1.4		2,6-Dinitrotoluene	0.55	2
	Carbofuran	0.006	0.14		Di-n-octyl phthalate	0.017	2
	Carbofuran phenol	0.056	1.4		Di-n-propylnitrosamine	0.4	1
	Carbon disulfide	3.8	4.8*		1,4-Dioxane	12	17
	Carbon tetrachloride	0.057	6		Diphenylamine	0.92	1
	Carbosulfan	0.028	1.4		Diphenylnitrosamine	0.92	1
	Chlordane(alpha & gamma)	0.0033	0.26		1,2- Diphenylhydrazine	0.087	N/
	p-Chloroaniline	0.46	16		Disulfoton	0.017	6.
	Chlorobenzene	0.057	6		Dithiocarbamates (total)	0.028	2
	Chlorobenzilate	0.1	N/A		Endosulfan I	0.023	0.06
	2-Chloro-1,3-butadiene	0.057	0.28		Endosulfan II	0.029	0.1
	Chlorodibromomethane	0.057	15		Endosulfan sulfate	0.029	0.1
	Chloroethane	0.27	6		Endrin	0.0028	0.1
	bis-(2-Chloroethoxy)methane	0.036	7.2		Endrin aldehyde	0.025	0.1
	bis-(2-Chloroethyl)ether	0.033	6		EPTC	0.042	1.
	2-Chloroethyl vinyl ether	0.062	N/A		Ethyl acetate	0.34	3
	Chloroform	0.046	6		Ethyl benzene	0.057	1
	bis-(2-Chloroisopropyl)ether	0.055	7.2		Ethyl cyanide (Propanenitrile)	0.24	36
	p-Chloro-m-cresol	0.018	14		Ethyl ether	0.12	16
	Chloromethane (Methyl chloride)	0.19	30		Ethyl methacrylate	0.14	16
	2-Chloronaphthalene	0.055	5.6		Ethylene oxide	0.12	N/
	2-Chlorophenol	0.044	5.7		bis(2-Ethylhexyl) phthalate	0.28	2
	3-Chloropropylene	0.036	30		Famphur	0.017	1
	Chrysene	0.059	3.4		Fluoranthene	0.068	3.
	o-Cresol	0.11	5.6		Fluorene	0.059	3.
		0.77	5.6		Formetanate hydrochloride	0.056	1.


DEVOGR

Page 2 of 2

MLL	WW	NWW	MLL	WW	NWW
	Formparanate	0.056 1.4		Physostigmine salicylate	0.056 1
	Heptachlor	0.0012 0.065		Promecarb	0.056 1
	Heptachlor epoxide	0.016 0.066		Pronamide	0.093 1
	Hexachlorobenzene	0.055 10		Propham	0.056 1
	Hexachlorobutadiene	0.055 5.5		Propoxur	0.056 1
	Hexachlorocyclopentadiene	0.057 2.4		Pro-sulfocarb	0.042 1
	Hexachloroethane	0.055 30		Pyrene	0.067 8
	Hexachloropropylene	0.035 30		Pyridine	0.014
	HxCDDs (All Hexachlorodibenzo-p-dioxins)	0.000063 0.001		Safole	0.081
	HxCDFs (All Hexachlorodibenzofurans)	0.000063 0.001		Silvex (2,4,5-TP)	0.72 7
	Indeno (1,2,3-c,d) pyrene	0.0055 3.4		1,2,4,5-Tetrachlorobenzene	0.055
	Iodomethane	0.19 65		TCDDs (All Tetrachlorodibenzo-p-dioxins)	0.000063 0.01
	Isobutyl alcohol	5.6 170		TCDFs (All Tetrachlorodibenzofurans)	0.000063 0.01
	Isodrin	0.021 0.066		1,1,1,2-Tetrachloroethane	0.057
	Isolan	0.056 1.4		1,1,2,2-Tetrachloroethane	0.057
	Isosafrole	0.081 2.6		Tetrachloroethylene	0.056
	Kepon	0.0011 0.13		2,3,4,6-Tetrachlorophenol	0.03 7
	Methacrylonitrile	0.24 84		Thiodicarb	0.019 1
	Methanol	5.6 0.75*		Thiophanate-methyl	0.056 1
	Methapyrilene	0.081 1.5		Tirpate	0.056 0.
	Methiocarb	0.056 1.4		Toluene	0.08
	Methomyl	0.028 0.14		Toxaphene	0.0095 2
	Methoxychlor	0.25 0.18		Triallate	0.042
	Methyl ethyl ketone	0.28 36		Tribromomethane (Bromoform)	0.63
	Methyl isobutyl ketone	0.14 33		1,2,4-Trichlorobenzene	0.055
	Methyl methacrylate	0.14 160		1,1,1-Trichloroethane	0.054
	Methyl methanesulfonate	0.018 N/A		1,1,2-Trichloroethane	0.054
	Methyl parathion	0.014 4.6		Trichloroethylene	0.054
	3-Methylcholanthrene	0.0055 15		Trichloromonofluoromethane	0.02
	4,4-Methylene bis(2-chloroaniline)	0.5 30		2,4,5-Trichlorophenol	0.18
	Methylene chloride	0.089 30		2,4,6-Trichlorophenol	0.035
	Metolcarb	0.056 1.4		2,4,5-Trichlorophenoxyacetic acid(2,4,5-T)	0.72
	Mexacarbate	0.056 1.4		1,2,3-Trichloropropane	0.85
	Molinate	0.042 1.4		1,1,2-Trichloro-1,2,2-trifluoroethane	0.057
	Naphthalene	0.059 5.6		Triethylamine	0.081
	2-Naphthylamine	0.52 N/A		tris-(2,3-Dibromopropyl) phosphate	0.11
	o-Nitroaniline	0.27 14		Vernolate	0.042
	p-Nitroaniline	0.028 28		Vinyl chloride	0.27
	Nitrobenzene	0.068 14		Xylene(s)	0.32
	5-Nitro-o-toluidine	0.32 28		Cyanides (Total)	1.2 5
	o-Nitrophenol	0.028 13		Cyanides (Amenable)	0.86
	p-Nitrophenol	0.12 29		Fluoride**	35
	N-Nitrosodiethylamine	0.4 28		Sulfide	14
	N-Nitrosodimethylamine	0.4 2.3		Antimony	1.9 1.
	N-Nitroso-di-n-butylamine	0.4 17		Arsenic	1.4 5
	N-Nitrosomethylethylamine	0.4 2.3		Barium	1.2 21
	N-Nitrosomorpholine	0.4 2.3		Beryllium	0.82 1.
	N-Nitrosopiperidine	0.013 35		Cadmium	0.69 0.
	N-Nitrosopyrrolidine	0.013 35		Chromium (Total)	2.77 0.
	Oxamyl	0.056 0.28		Lead	0.69 0.
	Parathion	0.014 4.5		Mercury (Nonwastewater from Retort)	N/A 0.
	Total PCBs	0.1 10		Mercury (All others)	0.15 0.0
	Pebulate	0.042 1.4		Nickel	3.98 1.
	Pentachlorobenzene	0.055 10		Selenium	0.82 5
	PeCDDs (All Pentachlorodibenzo-p-dioxins)	0.000053 0.001		Silver	0.43 0.
	PeCDFs(All Pentachlorodibenzofurans)	0.000035 0.001		Thallium	1.4 0.
	Pentachloroethane	0.055 6		Vanadium**	4.3
	Pentachloronitrobenzene	0.055 4.8		Zinc**	2.61 4
	Pentachlorophenol	0.089 7.4			
	Phenacetin	0.081 16			
	Phenanthrene	0.059 5.6			
	Phenol	0.039 6.2			
	o-Phenylenediamine	0.056 5.6			
	Phorate	0.021 4.6			
	Phthalic acid	0.055 28			
	Phthalic anhydride	0.055 28			
	Physostigmine	0.056 1.4			

YES

NO

Signature  Date: 6/22/00

* TCLP Values

** Not UHC in characteristic waste

Do the waste stream(s) identified on the manifest listed above or on the attached profile contain any of the constituents listed on this table in concentrations above the regulatory levels?

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE COMPLIANCE AND ENFORCEMENT
1259 ROUTE 46 EAST BUILDING 2
PARSIPPANY, NJ 07054-4191
PHONE: (973) 299-7571 FAX: (973) 299-7576

Certified Mail
Return Receipt Requested

May 12, 2000

Mr. Marvin Wrenn
General Manager
Electro-Miniatures Corporation
68 West Commercial Avenue
Moonachie, NJ 07074

RE: Notice of Violation for RCRA Violations

Dear Mr. Wrenn:

Please find attached a Notice of Violation for the deficiencies noted during the recent RCRA hazardous waste inspection.

Should you have any questions regarding the outstanding violations cited in the attached Notice of Violation, please do not hesitate to contact me at (973) 299-7571.

Very truly yours,



Maria Petix Kent, REHS
Principal Environmental Specialist
Northern Field Office -- Hazardous Waste Section

C: NFO File
J. Sterling, Acting Section Chief

EFO-018
1/94

New Jersey Department of Environmental Protection and Energy
Div. of Enforcement Field Operations - Hazardous Waste Section
1259 Route 46, Bldg. #2, Parsippany, N.J. 07054
973 (201) 299-7592

NOTICE OF VIOLATION

EPA ID NO. NJD 069 298 602

DATE 5-12-00

NAME OF FACILITY ELECTRO-miniatures Corp

LOCATION OF FACILITY 68 West Commercial Avenue Manasquan

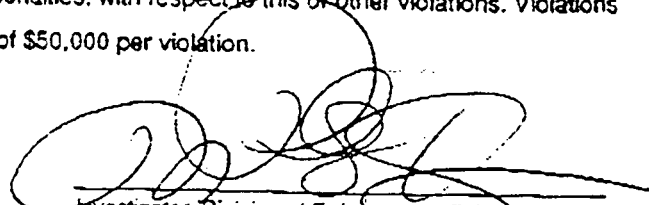
NAME OF OPERATOR Mr. Martin Wrenn, General Manager

You are hereby NOTIFIED that during my inspection of your facility on the above date, the following violation(s) of the Solid Waste Management Act, (N.J.S.A. 13:1E-1 et seq.) and Regulations (N.J.A.C. 7:26-^{6.1(a)}~~et seq.~~) promulgated thereunder were observed. These violation(s) have been recorded as part of the permanent enforcement history of your facility.

DESCRIPTION OF VIOLATION Failed to mark the containers of
hazardous waste with the words
"hazardous waste".

Remedial action to correct these violations must be initiated immediately and be completed by

6-12-00. Within fifteen (15) days of receipt of this Notice of Violation, you shall submit in writing, to the investigator issuing this notice at the above address, the corrective measures you have taken to attain compliance. The issuance of this document serves as notice to you that a violation has occurred and does not preclude the State of New Jersey, or any of its agencies from initiating further administrative or legal action, or from assessing penalties, with respect to this or other violations. Violations of these regulations are punishable by penalties of \$50,000 per violation.


Investigator, Division of Enforcement Field Operations
Department of Environmental Protection & Energy

Copy Received by: _____

Electro Miniatures Corp.

68 West Commercial Avenue Moonachie, New Jersey 07074

Prepared By: Kenneth McCue	OPERATING POLICY & PROCEDURE HAZARDOUS MATERIAL PROGRAM IDENTIFICATION, STORAGE CONTROL OF AND DISPOSAL	Procedure No. 0003
Approved By Mark Pollack		Revision ORIG
Page 1 of 2		Date 12/7/99

1.0 Scope

- 1.1 Scope – This document establishes Electro Miniatures Corporation (EMC) policy and procedure for the identification, storage, control, and disposal of all hazardous waste material. The procedure shall set forth uniform requirements and enable EMC to comply with Environmental Protection Agency (EPA), as well as local, state and federal, rules and regulations.
- 1.2 Applicability – The policy described herein applies to any solid, liquid, or contained gaseous material that:
- Is considered to be hazardous and listed in the Code of Federal Regulations (40 CFR, part 261) and is no longer usable for any purpose.
 - Is ignitable, corrosive, reactive, or toxic.

2.0 Applicable Documents

- 2.1 Title 40 of the Code of Federal Regulation (40 CFR) ,Parts 260 through 299.

3.0 General

3.1 Responsibility.

- 3.1.1 It is the individual responsibility of each employee involved in the hazardous waste control and disposal process to understand the policies for which these procedures are based, and the meaning / intent of the procedures themselves.
- 3.1.2 It is the responsibility for the EMC Quality Manager to forward the policies and procedures, and any change thereof, to the individuals involved with the hazardous waste control and disposal process.

3.2 Definitions.

Electro Miniatures Corp.

68 West Commercial Avenue Moonachie, New Jersey 07074

Prepared By: Kenneth McCue	OPERATING POLICY & PROCEDURE HAZARDOUS MATERIAL PROGRAM IDENTIFICATION, STORAGE CONTROL OF AND DISPOSAL	Procedure No. 0003
Approved By Mark Pollack		Revision ORIG
Page 2 of 2		Date 12/7/99

3.2.1 Hazardous waste – Any solid, liquid, or contained gaseous material that is no longer usable and is listed in 40CFR, part 261, or is:

- Ignitable - Can catch fire under certain conditions.
- Corrosive - Has a very high or low pH.
- Reactive - Is unstable and explodes or produces toxic fumes, gases, and vapors when mixed with water or under other conditions such as heat and pressure.
- Toxic – Is harmful or fatal when ingested or absorbed, or it leaches toxic chemicals into the ground water or soil when disposed on land.

3.2.2 CESQGs – Conditionally exempt small quantity generator which generates less than 220 pounds per month.

3.2.1 EPA Identification number – An EPA issued 12 character number used to monitor and track hazardous waste activities sent off site.

4.0 Policy

4.1 Identification of hazardous waste.

4.1.1 All solids, liquids or contained gases materials that are no longer usable or spent must be reviewed to determine whether or not they are hazardous. If considered hazardous, label the material / container with the words "HAZARDOUS WASTE" and the date the waste was generated then safely store as described herein.

4.1.1.1 Spent commercial chemical product – Review the MSDS and 40 CFR part 261 list.

4.1.1.2 By product -

4.2 Control of hazardous waste.

4.3 Storage of hazardous waste.

4.4 Disposal of hazardous waste

Electro Miniatures Corp.

68 West Commercial Avenue Moonachie, New Jersey 07074

Prepared By: Kenneth McCue	OPERATING POLICY & PROCEDURE INDUSTRIAL PRETREATMENT PROGRAM WASTEWATER DISCHARGE	Procedure No. 0002
Approved By Mark Pollack		Revision ORIG
Page 1 of 6		Date 12/2/99

1.0 Scope

- 1.1 Scope. This document establishes Electro Miniatures Corporation (EMC) policy and procedure for the direct and indirect discharge of wastewater to the Bergen County Utilities Authority Treatment Works, hereafter known as the BCUA. The procedure shall set forth uniform requirements and enable EMC to comply with all permit requirements, as well as all local, state and federal regulations, including the Clean Water Act.
- 1.2 Applicability. The policy described herein applies to the discharge of all industrial wastewater (effluent) into the BCUA treatment works.

2.0 Applicable Documents

- 2.1 Permit Number YY-0065: Industrial Wastewater Discharge Permit.
- 2.2 Rules and Regulations for the Direct and Indirect Discharge of Wastewater to the Bergen County Utilities Treatment Authority Works.
- 2.3 40 Code of Federal Regulations part 403: General Pretreatment Regulations.
- 2.4 40 Code of Federal regulations part 261: Hazardous Waste Reporting.

3.0 General

- 3.1 Responsibility. It is the individual responsibility of each employee involved in the wastewater discharge process to understand the policies for which these procedures are based, and the meaning / intent of the procedures themselves.
- 3.2 It is the responsibility for the EMC Quality Manager to forward the policies and procedures, and any change thereof, to the individuals involved with the wastewater discharge process.

4.0 Policy

- 4.1 Organization.

Electro Miniatures Corp.

68 West Commercial Avenue Moonachie, New Jersey 07074

Prepared By: Kenneth McCue	OPERATING POLICY & PROCEDURE INDUSTRIAL PRETREATMENT PROGRAM WASTEWATER DISCHARGE	Procedure No. 0002
Approved By Mark Pollack		Revision ORIG
Page 2 of 6		Date 12/2/99

- 4.1.1 Quality Manager - Shall serve as the EMC Industrial Pretreatment Program (IPP) Coordinator and duly authorized representative. The Quality Manager will coordinate, and oversee, all operations related to the industrial wastewater discharge process. The following are activities managed.
- 4.1.1.1 Review and process the draft BCUA issued discharge permit for final issuance.
- 4.1.1.2 Serve as the authorized company representative and point of contact to the BCUA. The point of contact will interface with BCUA officials, compliance officers and field representatives. Interface activities include, but not limited to, discharge reports, sample grabs, inspections, audits, notice of violations, change of regulations, or other related items.
- 4.1.1.3 Complete and submit the required monitoring reports, as described in the BCUA issued permit. Monitoring reports are:
- Self-Monitoring Monthly Reports.
 - NJDEP Certified monitored biannual reports.
- 4.1.1.4 Maintain records of all monitoring activities for a period of 5 years minimum.
- 4.1.1.5 Assure compliance is maintained throughout the process.
- 4.1.1.6 Assist with the (emergency) response in the event of a spill, non-compliant or accidental discharges, or any non-routine discharge.
- 4.1.1.7 Forward any policy and procedures to the personnel involved.
- 4.1.1.8 Verify (By delegation if needed) the discharge parameters when scheduled / requested.
- 4.1.2 Production Manager – Shall oversee and manage the process / personnel which generate the industrial wastewater.
- 4.1.2.1 Coordinate discharge frequency with process technicians.
- 4.1.2.2 Coordinate technical resource as needed (Adjustments, safety, etc).

Electro Miniatures Corp.

68 West Commercial Avenue Moonachie, New Jersey 07074

Prepared By: Kenneth McCue	OPERATING POLICY & PROCEDURE INDUSTRIAL PRETREATMENT PROGRAM WASTEWATER DISCHARGE	Procedure No. 0002
Approved By Mark Pollack		Revision ORIG
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4.1.2.3 Assist with monitoring schedules.

4.1.3 Process Technician(s) (Production Operator(s)) – Shall operate the wastewater discharge process as part of, and concurrent with, the associated (electroplating) processes.

4.1.3.1 Based on the frequency agreed upon (Frequency is based on historical data and the frequency of the associated (electroplating) processes), the technician shall initiate the following characteristics of the discharge process, as applicable:

- Process wastewater for discharge
- Initiate applicable documentation (Chain of Custody's and log forms).
- Schedule monitoring activities

NOTE: The frequency shall be set so that the wastewater will meet all limits as detailed in the BCUA permit. The frequency may vary.

4.1.3.2 Inform responsible personnel of any spills, accidents, non-compliances or non-routine discharges.

4.1.4 Monitoring Techs (Quality representatives) – Shall monitor the wastewater discharge process for accuracy, compliance, maintenance and completeness.

4.1.4.1 Complete the associated documentation, where required.

4.2 Routine wastewater discharge sequence.

4.2.1 When the industrial wastewater is due for discharge, the operator (Process operator or EMC authorized delegate) shall pump the wastewater into the holding tank located in the plating room.

4.2.2 The operator shall then check the effluent for discharge by checking the pH level.

4.2.2.1 The operator will turn on the motorized agitator and agitate the effluent for a minimum of 5 minutes.

Electro Miniatures Corp.
68 West Commercial Avenue Moonachie, New Jersey 07074

Prepared By: Kenneth McCue	OPERATING POLICY & PROCEDURE INDUSTRIAL PRETREATMENT PROGRAM WASTEWATER DISCHARGE	Procedure No. 0002
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- 4.2.2.2 Using issued pH test equipment, the operator will measure the pH level and record on the Wastewater Discharge Log Form (See Attachment A). If the pH is within 5.5 to 9.5, no adjustment is necessary and proceed to 4.2.2.4.
- 4.2.2.3 If the pH measurement is not within the 5.5 to 9.5 range, the operator must adjust accordingly until the pH is within the range.
- 4.2.2.3.1 If the pH is below 5.5, adjust using sodium hydroxide (NAOH).
- 4.2.2.3.2 If the pH is above 9.5, adjust using sulfuric acid.
- 4.2.2.4 Schedule with the responsible Quality technician to verify that the effluent is neutralized to specification.
- 4.2.2.5 The Quality technician shall verify the
- PH level is within 5.5 to 9.5 using a calibrated pH meter.
 - The flow meter reading number matches the last recorded flow meter reading.
- 4.2.2.6 When the pH level is verified, the Quality technician shall show proof of acceptance on the log form. The wastewater is authorized for discharge.
- *** Go to section 4.3.2 if the discharge is for biannual monitoring***
- 4.2.2.7 Discharge the wastewater. Record the flow meter reading after the discharge is complete.

4.3 Biannual wastewater discharge.

Note: The biannual sample is usually directed by the Quality Manager. The process must be coordinated with Purchasing and an NJDEP Certified outside analytical laboratory. Time restrictions for analysis are required by law. See below for details.

4.3.1 Conduct operations 4.2.1 through 4.2.2.6. DO NOT DISCHARGE THE

Electro Miniatures Corp.

68 West Commercial Avenue Moonachie, New Jersey 07074

Prepared By: Kenneth McCue	OPERATING POLICY & PROCEDURE INDUSTRIAL PRETREATMENT PROGRAM WASTEWATER DISCHARGE	Procedure No. 0002
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EFFLUENT.

- 4.3.2 When the Quality representative verified the effluent has been neutralized to within requirements, samples shall be "grabbed" for analysis.
- 4.3.2.1 Grab the required samples. The process operator shall initiate a Chain of Custody for the grabbed samples. See attachment B for a sample Chain of Custody form. Unless otherwise directed, the operator shall record the following information on the form.
- Client Sample Identification.
 - Analysis required.
 - The date and time sampled.
 - Sample type ("GRAB").
 - Station Location ("PLATE ROOM")
 - No. of Containers ("1 BOTTLE")
 - Method of Shipment (HAND CARRIED")
 - Sampler's Signature (Sign Name)
 - Relinquish By (Sign name, then record date and time when transferring the bottles to the carrier.)
- 4.3.2.2 From the time of the initial SAMPLE GRAB, there is a **2 hour** time limit for pH analysis by an NJDEP certified laboratory. Any transfer for samples to a different individual must have the RELINQUISHED and RECEIVED (with signatures, dates and times) recorded on the chain of custody form.
- 4.3.2.3 Analytical Laboratory drop off. Because of the time limit imposed by law, EMC will hand carry the samples to the assigned analytical lab. The carrier must have the receiving representative sign the chain of custody form and the packing list. Typically, the analytical laboratory will have its own chain of custody. If so, retain both copies for reporting purposes.
- 4.3.3 After the grab is complete, the process operator is authorized to discharge the effluent.
- 4.4 Reporting Guidelines.
(Reporting requirements may change. Requirements are set forth in the BCUA issued permit.)

Electro Miniatures Corp.
68 West Commercial Avenue Moonachie, New Jersey 07074

Prepared By: Kenneth McCue	OPERATING POLICY & PROCEDURE INDUSTRIAL PRETREATMENT PROGRAM WASTEWATER DISCHARGE	Procedure No. 0002
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4.4.1 Monthly Self / Biannual Monitoring (Due the 14th of the following month).

4.4.1.1 The Quality Manager, or delegated IPP Coordinator, shall complete the BCUA supplied self / biannual monitoring report and submit as directed on the permit. See attachment C for a sample BCUA self monitoring form.



TECHNIC INC.

POST OFFICE BOX 965, PROVIDENCE, R.I. 02901 (401) 781-3100 PROV.
EASY LINK 62870418 FAX 401-781-2890 ARLINGTON HTS., ILL. (312)
398-1220/ANAHEIM, CAL. (714) 632-0200/SAN JOSE, CAL. (408) 287-
3732/IRVING, TEXAS (214) 790-3500/HONG KONG: 011-852-0-263721/
KOREA: 784-1201/CANADA: BRUDAC Canada, Inc. - Leach & Garner,
Canada, Ltd./EUROPE: Schering AG 011-49-30-468-2566

Refining Settlement Report

August 2, 1999

Electro-Miniatures Corp.
68 West Commercial Avenue
Moonachie, NJ 07074

Description: PO # 3499

105.5 gls silver solution containing.....	290.72 Troy Oz. Silver
At 95% Return =	<u>276.18 Troy Oz. Silver</u>

Credit Account For Silver:

Troy Oz.	Price	Amount
276.18	\$ 5.395	\$1,489.99

Refining Charges (105.5 gls x \$9.00) \$949.50

Total Credit Due:

\$540.49

Reference # R-800721

Customer # 101052



TECHNIC INC.

THE WORLD'S BEST PRECIOUS
METALS FOR ELECTROPLATING
CHICAGO / ANAHEIM / DALLAS
ASIA / EUROPE

ORIGINAL INVOICE
CORPORATE OFFICES:
1 SPECTACLE STREET
CRANSTON, RI 02910
(401) 781-6100 • FAX: (401) 781-2890
P.O. BOX 9650, PROVIDENCE, RI 02940-9650
FEDERAL ID# 05-0243761

REMIT TO:
TECHNIC, INC.
PO BOX 9650
PROVIDENCE, RI 02940-9650
(401) 781-6100

SOLD TO

ELECTRO-MINIATURES CORP. AUG 06 1999
68 W. COMMERCIAL AVENUE
MOONACHIE, NJ 07074

SHIP TO

ELECTRO-MINIATURES CORP.
68 W. COMMERCIAL AVENUE
MOONACHIE, NJ 07074

INVOICE DATE 8/2/99	INVOICE NUMBER 526383	CUSTOMER NO. 101052	SALESMAN NO. 0008	TERMS: NO TERMS APPLY	LOC 000721	ORD 000721
YOUR ORDER NO.		OUR ORDER NO. 025271		SHIP DATE: 8/2/99		
QUANTITY	DESCRIPTION			UNIT PRICE	AMOUNT	
*****CREDIT MEMO*****						
276.180 EA	050176 YOUR SILVER RECOVERED			5.395-	1,409.99-	
1.000 EA	050278 REFINING CHARGE			949.500-	949.50-	
	CREDIT ACCOUNT FOR SILVER				540.49-	
	MERCHANDISE TOTAL				0.00-	
	INSURANCE				540.49-	
	TOTAL					

OF SECTIONS 6, 7, AND 12 OF THE FAIR LABOR STANDARDS ACT, AS AMENDED, AND OF REGULATIONS AND ORDER
NUMBER OF 1-1/2% PER MONTH OR THE HIGHEST RATE ALLOWED UNDER APPLICABLE LAW.



175 BARTOW MUN. AIRPORT
BARTOW, FL 33830
PHONE: (941) 533-4599
FAX: (941) 533-1613

108 MONAHAN AVENUE
DUNMORE, PA 18512
PHONE: (570) 342-7232
FAX: (570) 342-7367

350 PIGEON POINT ROAD
NEW CASTLE, DE 19720
PHONE: (302) 658-2005
FAX: (302) 658-6229

156 DRIFTWOOD DRIVE
EUTAWVILLE, SC 29048
PHONE/FAX: (803) 492-9595

MANIFEST

FCI EPA ID NO.:
NJD054126164

J39692

GENERATOR NAME/ADDRESS ELECTRO M. MATHIAS CO. 68 W. COMMERCE BLVD MOONACHIE NJ 07054		PHONE 201-462-0510 (AREA CODE) TRACTOR 21 TRAILER 187		GENERATOR EPA ID NO. 	
FCI REP. LOADING (PRINT) TAYK		PROCEDURE		BOX SPOTTED	
				BOX REMOVED	
COMMENTS OR DELAYS AT GENERATOR				TIME AT GENERATOR (MILITARY TIME ONLY) 1100 1130 ARRIVAL TIME DEPARTURE TIME	
				EQUIPMENT USED	

BROKER:		STATE MANIFEST NO.: RI H000467	
PO#:	WO#:		

(X) HM	PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NA/UN/NO.	PACKING GROUP	NO. CONT.	CONT. TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM
1										
2										
3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION (I.E., IDENTIFICATION SHIPMENT OF A NON-HAZARDOUS NATURE WHICH DOES NOT HAVE TO BE MANIFESTED).

GENERATOR'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The wastes described above were consigned to the Transported named. The Treatment, Storage or Disposal Facility can and will accept the shipment of hazardous waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the generator is obligated to pay the agreed rate offered to the contractor.

PLEASE PRINT NAME/TITLE	GENERATOR'S SIGNATURE X	DATE LOADED 7/23/99 MO. DAY YR.
I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT.		

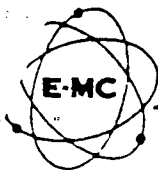
TSDF NAME/ADDRESS TECHNIC INC. 1 SPECTABLE ST. SPRINGFIELD R.I.		PHONE 401-81-6100 (AREA CODE) TRACTOR R.I. TRAILER		TSDF EPA ID NO. 	
FCI REP. UNLOADING (PRINT)		PROCEDURE		BOX SPOTTED	
				BOX REMOVED	
COMMENTS OR DELAYS AT TSDF				TIME AT TSDF (MILITARY TIME ONLY) ARRIVAL TIME DEPARTURE TIME	
				EQUIPMENT USED	
PLEASE PRINT NAME/TITLE		TSDF SIGNATURE X		DATE UNLOADED 7/23/99 MO. DAY YR.	

AR H-0257 PC 944	ME ME-HWT-47 ME-WOT-47	MO H-1490 ND WH-429	NOVA SCOTIA, CANADA NSC 000 147	QUEBEC, CANADA QC-6ML-047
CT CT-HW-307	MD HWH-167 96-OP-1765	NH TNH-0047	OH 333-HW	RI RI-535
DE DE-HW-203 DE-SW-203	MA MA-294	NJ S-2265 15939 87094	OK 3358	TX 40705
IL SWH-1540	MN 61572	NY JA-113	ONTARIO, CANADA A 840943	WI 11602
			PA PA-AH-0067	

White - FCI Original
Yellow - FCI Billing
Blue - FCI Office/Customer
Green - Retained by TSDF
Gold - Retained by Generator

A 04 40326 ME.

J39692



Electro-Miniatures Corp.

68 WEST COMMERCIAL AVENUE • MOONACHIE, NEW JERSEY 07074
(201) 460-0510

FAX # (201) 935-8153

TO FREEHOLD CARTAGE INC.
P.O. BOX 5010 825 RT 33
FREEHOLD, NJ 07728
RON 732-462-1001 732-308-0924

PURCHASE ORDER

No. H3492

DATE: 6/10/99

The above order number must appear on all invoices,
packing slips and correspondence.

Ship to above address unless otherwise indicated.

PLEASE ENTER OUR ORDER FOR THE FOLLOWING MATERIAL IN ACCORDANCE WITH THE
INSTRUCTIONS, TERMS AND CONDITIONS AS SHOWN ON THE FACE AND REVERSE SIDE

SHIP TO: SEE BELOW	F.O.B.	SHIP VIA: PREPAID COLLECT	DELIVERY REQUIRED: TERMS: NET 30
-----------------------	--------	------------------------------	-------------------------------------

GOVERNMENT CONTRACT NO. _____ INSPECTION: AUTOMATIC GOVERNMENT SOURCE _____

CERTIFIED UNDER D.M.S. REGULATION NO. _____ GOVERNMENT SOURCE _____
DESTINATION _____

ITEM	QTY.	OUR PART NO.	DESCRIPTION	UNIT PRICE	EXTENSION
1	1 LOT	645	TRANSPORTATION SERVICES	\$250.000	\$250.00
	1		FREE TIME LOADING 1 HR	\$45.000	\$45.00
	1		FREE TIME UNLOADING 1 HR	\$45.000	\$45.00
			TRANSPORTATION OF SPENT CYANIDE PLATING BATH SOLUTIONS		
			RQ WASTE CYANID SOLUTION NO POTASSIUM CYANIDE METALLIC MIXTURE 6.1		
			UN 1935 II F007, D003, D011 ERG #157		
			PICK UP ELECTRO-MINIATURES CORP. 68 W. COMMERCIAL AVE. MOONACHIE, NJ 07074 1-201-460-0510		
			DELIVER TECHNIC INC. 1 SPECTACLE ST. CRANSTON, RI 02910 1-401-781-6100 REFER FREEHOLD QUOTE #24305.00		
				Total Price	\$340.00

Certificate of Compliance Required

Certificate proving compliance to the requirements of applicable
Drawings and/or specifications is to be supplied with each shipment
of material on this order in triplicate. Appropriate test reports and/or
certificates to be on file for buyer's review and verification on
request. Invoices will not be honored unless Certificate of
Compliance is received.

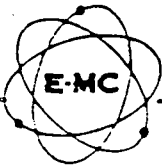
If promised Shipping Date cannot be met, notify buyer by wire
or telephone at once, advising new Shipping Date.

ELECTRO-MINIATURES CORP.

BY

Originating Buyer

Purchasing Manager



Electro-Miniatures Corp.

68 WEST COMMERCIAL AVENUE • MOONACHIE, NEW JERSEY 07071
(201) 460-0510

FAX # (201) 935-8133

TO: TECHNICS INC.
1 SPECTACLE STREET
CRANSTON, RI 02910

1-401-781-6100

PURCHASE ORDER

No. H 3499

DATE: 06/14/99

The above order number must appear on all
Invoices, packing slips and correspondence.
Ship to above address unless otherwise indicated.

PLEASE ENTER OUR ORDER FOR THE FOLLOWING MATERIAL IN ACCORDANCE WITH THE
INSTRUCTIONS, TERMS AND CONDITIONS AS SHOWN ON THE FACE AND REVERSE SIDE HEREOF.

SHIP TO: N/A	F.O.B. N/A	SHIP VIA N/A PREPAID COLLECT	DELIVERY REQUIRED N/A	TERMS N/A
-----------------	---------------	------------------------------------	--------------------------	--------------

GOVERNMENT CONTRACT NO: _____

INSPECTION: AUTOMATIC GOVERNMENT SOURCE
GOVERNMENT SOURCE
DESTINATION

CERTIFIED UNDER D.M.S. REGULATION NO. _____

ITEM	QUANTITY	OUR PART NO.	DESCRIPTION	UNIT PRICE	EXTENSION
1	105 1/2 GALLONS	645	REFINING OF SPENT CYANIDE PLATING BATH SOLUTIONS NOS (POTASSIUM CYANIDE METALLIC MIXTURE) 3 DRUMS - 31 1/2 GALLONS SILVER STRIKE 0.32 TR OZ/ GAL 41 GALLONS SILVER E2 3.73 TR OZ/GAL 33 GALLONS ILVER E2 3.87 TR OZ/GAL 95% RETURN OF AGREED ASSAY CHARGES 3.00/PER GALLON RETURNED \$316.50 6.00/PER GALLON DISPOSAL \$633.00 \$949.50 31.5 X .32 = 10.08 TROY OZ 41 X 3.73 = 152.93 TROY OZ 33 X 3.87 = 127.71 TROY OZ 290.72 X APPROX \$4.92 FREEHOLD CARTAGE WILL BE TRANSPORTING MATERIAL		
				Total Price	1430.35 REBA 949.50 COST 480.85 REBA \$ 0.00

☐ YES Certificate of Compliance Required ☐ NO

Certificate proving compliance to the requirements of applicable
Drawings and/or specifications is to be supplied with each ship-
ment of material on this order in triplicate. Appropriate test reports
and/or certificates to be on file for buyer's review and verification on
request. Invoices will not be honored unless Certificate of Compliance
is received.

ELECTRO-MINIATURES CORP.

BY

Originating Buyer

If promised Shipping Date cannot be met notify buyer by

Purchasing Manager

HAZARDOUS WASTE

FEDERAL LAW PROHIBITS IMPROPER DISPOSAL.

IF FOUND, CONTACT THE NEAREST POLICE, OR PUBLIC SAFETY
AUTHORITY, OR THE U.S. ENVIRONMENTAL PROTECTION AGENCY.

GENERATOR INFORMATION:

NAME Electro-Miniatures Corp.
ADDRESS 68 W. Commercial Ave PHONE 201-460-0510
CITY Moonachie STATE NJ ZIP 07074

EPA /MANIFEST
ID NO. /DOCUMENT NO. NJD054126164 /RIH0004697

ACCUMULATION
START DATE _____ EPA
WASTE NO. D003, D011, F007

RQ Waste Cyanide Solution n.o.s.
(Potassium Cyanide Metallic Mixture)
6.1 UN 1935 II (F007, D003, D011).ERG #157
D.O.T. PROPER SHIPPING NAME AND UN OR NA NO. WITH PREFIX

HANDLE WITH CARE!

STYLE WM6



1 SPECTACLE STREET
CRANSTON, RI 02910

FAX NO. 401 781-2890
TEL NO. 401 781-6100

FAX TRANSMISSION

DATE: 5/27/99

TO: ELE. MINIATURES/DARYL

FAX NO. 201 935 8153

FROM: WAYNE GANIM

NUMBER OF PAGES cover

MESSAGE:

In ans. to your fax:

- ° F007 is the EPA id. number for: SPENT CYANIDE PLATING BATH SOLUTIONS from electroplating operations.
- ° THE description must read: you must repeat this exactly as it appears below: for section 11a of the manifest:

RQ Waste Cyanide Solutions n.o.s. (Potassium Cyanide Metallic Material)
6.1 UN 1935 II (F007, D003, D011). ERG #157

Everything else looks ok.

- ° ALSO - the label must show the same description as above and not what you have - Reactive cyanides, Silver nonwastewater - eliminate this terminology and use what I have indicated above.

P.O. # H3492

Manifest # RI H0004097

ELECTRO MINIATURES - 4/21/99

Silver Samples for Refining.

A - 3.73 TR. OZ / gal. 40 gals

B - 3.87 TR. OZ / gal. 40 gals

C - 0.32 TR. OZ / gal. 30 gals

Samples only -

NO VOLUMES -

pg 2 of 2

**TECHNIC INC**

Post Office Box 9650,
Providence, Rhode Island 02940-9650
Tel: 401-781-6100 FAX: 401-781-2890

4/21/99

To: Jamie

(201) 935-8153

From: Eileen CEAR

Here are the results of the
Samples of Silver solution I took,

I did not take volumes - I
think Daryl knows this.

IF you decide to send the drums
to us, do not unseal drums, and
I will come + take a good volume
to go with THE Assay results

Pg. 1 of 2



BERGEN COUNTY UTILITIES AUTHORITY

Box 9, Pool of Manhot Road, Little Ferry, New Jersey 07643

May 22, 1996

Mr. Kenneth McCue
Electro-Miniatures Corp.
68 West Moonachie Avenue
Moonachie, New Jersey 07074

RE: Industrial Pretreatment Program

Dear Mr. McCue:

We acknowledge receipt of your letter dated May 15, 1996, whereby you agreed to pay the Civil Administrative Penalty in the amount of \$1,000.00 for your copper violation and request that the administrative cost of \$500.00 be waived.

Please be advised that we have granted your request to waive the administrative cost. Payment in the amount of \$1,000.00 is due to the BCUA within twenty (20) days of receipt hereof. A revised payment invoice and self addressed envelope are enclosed for your convenience.

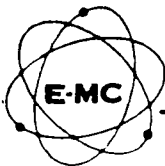
If there are any questions, please do not hesitate to contact Mr. Mikhail Zarrin, Environmental Specialist, at (201) 807-8637.

Very truly yours,

BERGEN COUNTY UTILITIES AUTHORITY


Christine LaRocca
IPP Coordinator

cc: Mikhail Zarrin, Environmental Specialist



Electro-Miniatures Corp.

68 WEST COMMERCIAL AVENUE • MOONACHIE, NEW JERSEY 07074
(201) 460-0510

TELETYPE (TWX) 710-989-0135

FAX # (201) 935-8153

May 15, 1996
Bergen County Utilities Authority
Box 122, Foot of Mehrhof Road
Little Ferry New Jersey 07643

Attn: Christine La Rocca
Re: IPP Notice of Violation
Industrial Wastewater Discharge of March 14, 1996
Permit 0065
Subj: **Notice of Civil Administrative Penalty**

Electro Miniatures Corporation appreciates the visit to our facility to discuss the referenced IPP-NOV and associated penalties. EMC is in receipt of the Notice of Civil Administrative Penalty dated May 2, 1996. The assessed penalty is from the March 14, 1996 wastewater analysis exceeding the Copper limitation. Based on review of the subject notice and discussions during our May 8, 1996 meeting, EMC advises as follows:

Item 01 - Assessment of the minimum mandatory penalty will not be contested, therefore no administrative hearing is required. EMC requests waiver of the additional administrative costs as a concession.

Item 02 - Beginning in the month of May 1996, additional monthly monitoring, in accordance with the requirements described in the IPP-NOV, shall be conducted by Electro Miniatures Corporation.

Item 03 - Corrective actions to assure compliance to permit limitations are being evaluated and incorporated.

Again, I would like to thank yourself, and Mr. Zarrin, for your cooperation and efforts regarding this matter. If you, or any of your associates, have any comments, please contact me directly at (201) 460-0510.

Sincerely,

Kenneth McCue
Quality Manager
Electro Miniatures Corporation

cc: Mark Pollack, EMC President

ELECTRONIC AND ELECTRO-MECHANICAL ASSEMBLIES

Office: (201) 641-2552
Plant: (201) 641-2555
Fax: (201) 641-6407



BERGEN COUNTY UTILITIES AUTHORITY

Box 122, Foot of Mehrhof Road, Little Ferry, New Jersey 07643

TELECOPIER TRANSMITTAL FORM

ENGINEERING DEPARTMENT FAX MACHINE (201) 807-0507

DATE: 5/13/96 TIME: 10:15 a.m.

PLEASE DELIVER THE FOLLOWING PAGES(S) TO:

NAME: Ken McCus
COMPANY: Electro-Miniatures
FAX NO: 935-8156

FROM: M. Zarrin

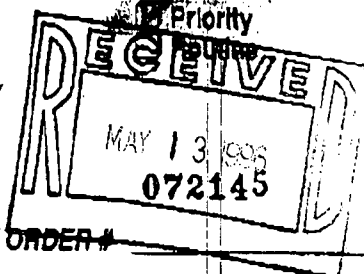
DEPT: BCUA

COMMENTS: Ken, I fax for your information a SWD
with the Copper's result. If you have any questions,
please call me.

This transmittal is comprised of 2 pages(s), EXCLUDING this cover sheet. If transmission is incomplete, please send a FAX message as soon as possible to (201) 807-0507.

BERGEN COUNTY UTILITIES AUTHORITY

STANDARD WORK ORDER

LOCATION Electro MiniaturesDate / Time 5-3-96 10:45 WORK ORDER #68 W Commercial Ave.GRAB 5-3-96 10:45 DELIVERED 5-3-96MoonachieCOMP. ON /SAMPLED BY JO-RONMETER #/ IPP ID # 0065COMP. OFF /VEHICLE # 5

MINERAL AS CaCO_3 (PPM)	Result	Initials	SOLIDS (PPM)	Result	Initials	METALS (PPB)	Result	Initials
<input type="checkbox"/> ACIDITY-TOTAL			<input type="checkbox"/> S.S.			<input type="checkbox"/> ALUMINUM (Al)		
<input type="checkbox"/> ALKALINITY-TOTAL			<input type="checkbox"/> T.S.			<input type="checkbox"/> ANTIMONY (Sb)		
<input type="checkbox"/> HARDNESS			<input type="checkbox"/> T.D.S.			<input type="checkbox"/> ARSENIC (As)		
BIOLOGICAL (C. Colonies/100ML) Result		Initials	<input type="checkbox"/> T.V.S.			<input type="checkbox"/> BARIUM (Ba)		
<input type="checkbox"/> TOTAL COLIFORM			<input type="checkbox"/> SETTLEABLE			<input type="checkbox"/> BERYLLIUM (Be)		
<input type="checkbox"/> FECAL COLIFORM			<input type="checkbox"/> VSS			<input type="checkbox"/> CADMIUM (Cd)		
CLARITY	Result	Initials	<input type="checkbox"/>			<input type="checkbox"/> CALCIUM (Ca)		
<input type="checkbox"/> COLOR (UNITS)			<input type="checkbox"/>			<input type="checkbox"/> CHROMIUM (Cr)		
<input type="checkbox"/> TURBIDITY (NTU)			<input type="checkbox"/>			<input type="checkbox"/> CHROMIUM (Cr +6)		
HALOGENS (PPM)	Result	Initials	PHOSPHOROUS (PPM)	Result	Initials	<input checked="" type="checkbox"/> COPPER (Cu) <u>480</u>		
<input type="checkbox"/> CHLORIDE			<input type="checkbox"/> T. PHOSPHOROUS			<input type="checkbox"/> IRON (Fe)		
<input type="checkbox"/> FLUORIDE			<input type="checkbox"/> O-PHOSPHATE			<input type="checkbox"/> LEAD (Pb)		
NITROGEN (PPM)	Result	Initials	<input type="checkbox"/> POLY-PHOSPHATE			<input type="checkbox"/> MAGNESIUM (Mg)		
<input type="checkbox"/> T.K.N.			OTHERS (PPM)	Result	Initials	<input type="checkbox"/> MANGANESE (Mn)		
<input type="checkbox"/> AMMONIA-N			<input type="checkbox"/> TOTAL SULFIDE			<input type="checkbox"/> MERCURY (Hg)		
<input type="checkbox"/> ORGANIC-N			<input type="checkbox"/> DISSOLVED SULFIDE			<input type="checkbox"/> MOLYBDENUM (Mo)		
<input type="checkbox"/> NITRATE			<input type="checkbox"/> SULFATE			<input type="checkbox"/> NICKEL (Ni)		
<input type="checkbox"/> NITRITE			<input type="checkbox"/> M.B.A.S.			<input type="checkbox"/> POTASSIUM (K)		
OXYGEN DEMAND (PPM)	Result	Initials	<input type="checkbox"/> CONDUCTIVITY (UMHO)			<input type="checkbox"/> SELENIUM (Se)		
<input type="checkbox"/> BOD			<input type="checkbox"/> MICROTOX (15 Min EC ₆₀)		%	<input type="checkbox"/> SILVER (Ag)		
<input type="checkbox"/> COD			<input type="checkbox"/> SULFIDE AS H_2S			<input type="checkbox"/> SODIUM (Na)		
<input type="checkbox"/> TOC			<input type="checkbox"/> STAND. PLATE COUNT			<input type="checkbox"/> THALLIUM (Tl)		
TOXIC NON-METAL (PPM)	Result	Initials	GC/MS ORGANICS (PPB)	Result	Initials	<input type="checkbox"/> VANADIUM (V)		
<input type="checkbox"/> CYANIDE			<input type="checkbox"/> 624	See		<input type="checkbox"/> ZINC (Zn)		
<input type="checkbox"/> PHENOL			<input type="checkbox"/> 625	Attached		<input type="checkbox"/>		
OIL & GREASE (PPM)	Result	Initials	<input type="checkbox"/> 608	Report		<input type="checkbox"/>		
<input type="checkbox"/> TOTAL			OUTSIDE ANALYSIS	Result	Initials	<input type="checkbox"/> FLASHPOINT		
<input type="checkbox"/> PETROLEUM HYDROCARBON			<input type="checkbox"/> T.T.O. (624, 625, 608)	See		<input type="checkbox"/>		
			<input type="checkbox"/> BIOASSAY	Attached		<input type="checkbox"/>		
			<input type="checkbox"/> pH	Report		<input type="checkbox"/>		

* Dissolved

P.T.O.

CERTIFIED MAIL R.R.R.
Z 403 702 365

Office: (201) 641-1111
Plant: (201) 641-0111
Fax: (201) 641-6611



BERGEN COUNTY UTILITIES AUTHORITY

Box 121, Pool of Nether Road, Little Ferry, New Jersey 07643

May 2, 1996

Mr. Kenneth Mc Cue
Electro-Miniatures Corp.
68 West Moonachie Avenue
Moonachie, NJ 07074

RE: Notice of Civil Administrative Penalty
Date of Violation: March 1996

Dear Mr. Mc Cue:

Recent monitoring conducted by the Authority reveals that your industrial wastewater discharge is in violation of the Rules and Regulations for the Direct and Indirect Discharge of Wastewater to the Bergen County Utilities Authority Treatment Works and General Pretreatment Regulations (40 CFR, Part 403). Specifically, your discharge exceeded the local discharge limit for Copper. In addition, we have reviewed your response to the Notice of Violation.

Your exceedance for Copper as a daily maximum pollutant concentration is more than 20% of the respective limitation based on a monthly average of all daily maximum test results. Therefore, in accordance with the Clean Water Enforcement Act (N.J.A.C. 7:14-8.2) the violation is considered a "serious violation". Be advised that each "serious violation" is assessed a minimum mandatory penalty in an amount not less than \$1,000.00 and two (2) "serious violations" within a six (6) month period is considered Significant Non-Compliance mandating a penalty not less than \$5,000.00 (See N.J.A.C. 7:14-8.5[a]).

Based upon the results of the aforementioned discharge monitoring analysis, the Bergen County Utilities Authority ("BCUA") hereby assesses a civil administrative penalty to Electro-Miniatures Corp. in the amount of \$1,000.00 as a result of the above-listed violation. Additionally, administrative costs in the amount of \$500.00 are likewise assessed so as to compensate BCUA for investigative expenses incurred in the matter. Payment in the total amount of \$1,500.00 is due to the BCUA, Attention: Christine La Rocca, within twenty (20) days of your receipt hereof. A payment invoice and self-addressed envelope is also enclosed for your convenience.

Please be further advised that pursuant to N.J.S.A. 58:10A-10.5, you have the right to file a written request for an administrative hearing contesting the assessment of the aforementioned penalties/investigative expense. Such request(s) for an administrative hearing must be served and filed with the BCUA no later than (twenty) 20 days of your receipt hereof.

Requirements for properly requesting a hearing, including the submission of an affirmative defense and financial assurance, are enclosed. Upon proper request, the penalty and/or assessment shall be deemed a contested case, and shall be submitted to the Office of Administrative Law, for an administrative hearing pursuant to N.J.S.A. 52:14B-9.10.

Any violator who is assessed a civil administrative penalty and fails to contest or pay the penalty within thirty (30) days of the date that the penalties due and owing shall be subject to an interest charge on the amount of the assessment and may be assessed additional civil penalties not to exceed \$50,000.00 per day pursuant to "The Penalties Enforcement Law" N.J.S.A. 2A-58-1 et. seq.

Lastly, the Authority will be conducting repeat sampling of your discharge to verify compliance. However, please be advised that future sampling results in compliance with your Copper permit limitation do not relieve Electro-Miniatures Corp. from the additional reporting requirements or the minimum mandatory penalty. Consequently, you must commence in the month of May 1996 monthly monitoring in accordance with the requirements outlined in the Notice of Violation of April 15, 1996.

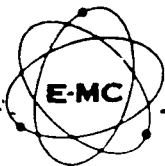
If there are any questions, please do not hesitate to contact Mr. Mikhail Zarrin of my staff at (201) 807-8637.

So Directed By:


CHRISTINE LA ROCCA
IPP Coordinator

CL:rd
Encl.

cc: Mikhail Zarrin, Environmental Health Specialist



Electro-Miniatures Corp.

68 WEST COMMERCIAL AVENUE • MOONACHIE, NEW JERSEY 07074
(201) 460-0510

TELETYPE (TWX) 710-989-0135

FAX # (201) 935-8153

April 22, 1996

Bergen County Utilities Authority
Box 122, Foot of Mehrhof Road
Little Ferry New Jersey 07643

Attn: Christine La Rocca
Re: IPP Notice of Violation
Industrial Wastewater Discharge of March 14, 1996
Work Order # 71383: IPP Analysis Report
Subj: **Response to IPP NOV**

Electro Miniatures Corporation is in receipt of the Industrial Pretreatment Program (IPP) Notice of Violation (NOV) for the March 14, 1996 Industrial Wastewater Discharge. The notice of violation indicates copper monitoring exceeds local discharge limits set forth in the Rules and Regulations for the Direct and Indirect Discharge of Wastewater to the BCUA Treatment Works and General Pretreatment Regulations (40 CFR, Part 403).

Work Order # 71383 Copper analysis is 4.69 mg/l and exceeds permit # 0065 limitations of 1 mg/l daily maximum in excess of 20%. Based on analysis by the BCUA, EMC's violation is considered a "serious violation" and may be assessed a minimum fine of \$1,000.

Electro Miniatures Corporation has monitored, and consistently complied with, its industrial wastewater discharge in accordance with BCUA permits since 1986. Monitoring consists of daily, monthly and biannual analysis prior to discharge. Additionally, EMC has cooperated, and complied with, the biannual unannounced audits and wastewater discharge sampling conducted by the Authority.

Response

Electro Miniatures Corporation has reviewed of the analysis in WO # 71383, in-house manufacturing processes and EMC's IPP wastewater discharge monitoring processes and advises as follows:

Item 01 - Copper analysis within the referenced work order is not consistent with past analysis results. Analysis indicates a change of 500%, minimum, versus past analysis results.

ELECTRONIC AND ELECTRO-MECHANICAL ASSEMBLIES

Item 02 - EMC does not plate copper onto any product.

Item 03 - Type of product being manufactured has not changed.

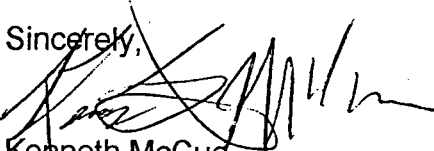
Item 04 - Manufacturing processes, as related to plate room or IPP wastewater discharge, have not changed.

Item 05 - Processes and techniques for monitor and pretreatment the industrial wastewater discharges have not changed.

Based on past analysis results for copper concentration, and findings item 01 through item 05, Electro Miniatures Corporation requests the Authority conduct a second analysis for copper concentration prior to any Civil Administrative Actions. Lastly, EMC requests waiver of the additional reporting requirements until the second copper analysis confirms the original conditions.

Please review the response provided by EMC and advise accordingly. Concurrently, further in-house investigation will be conducted to determine the cause(s) and corrective action(s) for the violation. If any additional information is found, EMC will notify the BCUA immediately. If there are any questions, please contact me directly at (201) 460-0510.

Sincerely,



Kenneth McCue
Quality Manager
Electro Miniatures Corporation

cc: Mark Pollack, EMC President

CERTIFIED MAIL R.R.R.
Z 403 702 353

Office: (201) 641-2552
Plant: (201) 641-2535
Fax: (201) 641-6401



BERGEN COUNTY UTILITIES AUTHORITY

Box 122, Foot of Mahwah Road, Little Ferry, New Jersey 07643

April 15, 1996

Mr. Kenneth Mc Cue
Electro-Miniatures Corp.
68 West Moonachie Avenue
Moonachie, NJ 07074

RE: Industrial Pretreatment Program (IPP)
Notice of Violation (NOV)
Industrial Wastewater Discharge of
March 14, 1996

Dear Mr. Mc Cue:

Recent monitoring conducted by the Authority reveals that your industrial wastewater discharge is in violation of the Rules and Regulations for the Direct and Indirect Discharge of Wastewater to the Bergen County Utilities Authority Treatment Works and General Pretreatment Regulations (40 CFR, Part 403). Specifically, your discharge exceeded the local discharge limit for Copper. A copy of Standard Work Order #71383 received by this office on April 15, 1996 is enclosed for your reference.

Your exceedance for Copper as a daily maximum pollutant concentration is more than 20% of the respective limitation. Therefore, in accordance with the Clean Water Enforcement Act (N.J.A.C. 7:14-8.2) the violation is considered a "serious violation". Be advised that each "serious violation" is assessed a minimum mandatory penalty in an amount not less than \$1,000 and two (2) "serious violations" within a six (6) month period is considered Significant Non-Compliance mandating a penalty not less than \$5,000 (See N.J.A.C. 7:14-8.5[a]).

Please be advised a violation of any rule, regulation or pretreatment standard may be subject to a Civil Administrative Penalty not to exceed \$50,000 per day for each violation. Your actual assessment will be in accordance with the penalty matrix contained in the BCUA Rules and Regulations based upon the seriousness of the violation and your conduct. Your conduct will be determined based upon our review of your explanation of the cause of the violations cited and your plan for prevention of future violations which must be submitted to this office within ten (10) days of receipt of this notice.

Lastly, because you have violated a condition of your Industrial Wastewater Discharge Permit, and the BCUA's Rules and Regulations, relative to the discharge of pollutants, additional monitoring and reporting is necessary. Accordingly, you must commence in the month of April 1996 monthly monitoring and reporting to demonstrate compliance with the Copper limitations. The additional reporting requirements shall be lifted if there are no Copper violations for six (6) consecutive months, indicating that your corrective actions will ensure long-term compliance.

If there are any questions, please do not hesitate to contact Mr. Mikhail Zarrin of my staff at (201) 807-8637.

Very truly yours,

BERGEN COUNTY UTILITIES AUTHORITY

Christine La Rocca E.A.

CHRISTINE LA ROCCA
IPP Coordinator

CLd
Encl.

cc: Mikhail Zarrin, Environmental Health Specialist

☐ Priority
☐ Routine

BERGEN COUNTY UTILITIES AUTHORITY

STANDARD WORK ORDER

LOCATION Elberta Miniatures

68W Commercial Ave.

Moonachie

METER #/IPP ID #

0065

GRAB

Date / Time 3/14/96 10:40

COMP. ON

COMP. OFF

APR 15 1996 WORK ORDER # 071383

DELIVERED 3-14-96

SAMPLED BY DM - PDV

VEHICLE # 65

MINERAL AS CaCO ₃ (PPM)	Result	Initials	SOLIDS (PPM)	Result	Initials	METALS (PPB)	Result	Initials
<input type="checkbox"/> ACIDITY-TOTAL			<input checked="" type="checkbox"/> S.S.	<u>20</u>	<u>PDV</u>	<input type="checkbox"/> ALUMINUM (Al)		
<input type="checkbox"/> ALKALINITY-TOTAL			<input type="checkbox"/> T.S.			<input type="checkbox"/> ANTIMONY (Sb)		
<input type="checkbox"/> HARDNESS			<input type="checkbox"/> T.D.S.			<input checked="" type="checkbox"/> ARSENIC (As)	<u>≤ 1.0</u>	<u>AD</u>
BIOLOGICAL (C. Colonies/100ML) Result		Initials	<input type="checkbox"/> T.V.S.			<input type="checkbox"/> BARIUM (Ba)		
<input type="checkbox"/> TOTAL COLIFORM			<input type="checkbox"/> SETTLEABLE			<input type="checkbox"/> BERYLLIUM (Be)		
<input type="checkbox"/> FECAL COLIFORM			<input type="checkbox"/> VSS			<input checked="" type="checkbox"/> CADMIUM (Cd)	<u>≤ 4.0</u>	<u>PDV</u>
CLARITY	Result	Initials	<input type="checkbox"/>			<input type="checkbox"/> CALCIUM (Ca)		
<input type="checkbox"/> COLOR (UNITS)			<input type="checkbox"/>			<input checked="" type="checkbox"/> CHROMIUM (Cr)	<u>25</u>	<u>PDV</u>
<input type="checkbox"/> TURBIDITY (NTU)			PHOSPHOROUS (PPM)	Result	Initials	<input checked="" type="checkbox"/> CHROMIUM (Cr ⁺⁶)	<u>≤ 25</u>	<u>AD</u>
HALOGENS (PPM)	Result	Initials	<input type="checkbox"/> T. PHOSPHOROUS			<input checked="" type="checkbox"/> COPPER (Cu)	<u>4690</u>	<u>PDV</u>
<input type="checkbox"/> CHLORIDE			<input type="checkbox"/> O-PHOSPHATE			<input type="checkbox"/> IRON (Fe)		
<input type="checkbox"/> FLUORIDE			<input type="checkbox"/> POLY-PHOSPHATE			<input checked="" type="checkbox"/> LEAD (Pb)	<u>≤ 42</u>	<u>PDV</u>
NITROGEN (PPM)	Result	Initials	OTHERS (PPM)	Result	Initials	<input type="checkbox"/> MAGNESIUM (Mg)		
<input checked="" type="checkbox"/> T.K.N.	<u>5.8</u>	<u>WF</u>	<input type="checkbox"/> TOTAL SULFIDE			<input type="checkbox"/> MANGANESE (Mn)		
<input checked="" type="checkbox"/> AMMONIA-N	<u>4.2</u>	<u>WF</u>	<input type="checkbox"/> DISSOLVED SULFIDE			<input checked="" type="checkbox"/> MERCURY (Hg)	<u>0.30</u>	<u>AD</u>
<input type="checkbox"/> ORGANIC-N			<input type="checkbox"/> SULFATE			<input checked="" type="checkbox"/> MOLYBDENUM (Mo)	<u>≤ 45</u>	<u>PDV</u>
<input type="checkbox"/> NITRATE			<input type="checkbox"/> M.B.A.S.			<input checked="" type="checkbox"/> NICKEL (Ni)	<u>25P</u>	<u>PDV</u>
<input type="checkbox"/> NITRITE			<input type="checkbox"/> CONDUCTIVITY (μMHO)			<input type="checkbox"/> POTASSIUM (K)		
OXYGEN DEMAND (PPM)	Result	Initials	<input checked="" type="checkbox"/> MICROTOX (15 Min EC ₅₀)	<u>9.9 %</u>	<u>Jeh</u>	<input type="checkbox"/> SELENIUM (Se)		
<input checked="" type="checkbox"/> BOD	<u>4</u>	<u>MD</u>	<input type="checkbox"/> SULFIDE AS H ₂ S			<input checked="" type="checkbox"/> SILVER (Ag)	<u>30</u>	<u>AD</u>
<input type="checkbox"/> COD			<input type="checkbox"/> STAND. PLATE COUNT			<input type="checkbox"/> SODIUM (Na)		
<input checked="" type="checkbox"/> TOC	<u>11.77</u>	<u>AD</u>	GC/MS ORGANICS (PPB)	Result	Initials	<input type="checkbox"/> THALLIUM (Tl)		
TOXIC NON-METAL (PPM)	Result	Initials	<input checked="" type="checkbox"/> 624	<u>See</u>	<u>AD</u>	<input type="checkbox"/> VANADIUM (V)		
<input checked="" type="checkbox"/> CYANIDE	<u>≤ 0.02</u>	<u>DH</u>	<input checked="" type="checkbox"/> 625	<u>Attached</u>	<u>AD</u>	<input checked="" type="checkbox"/> ZINC (Zn)	<u>440</u>	<u>PDV</u>
<input checked="" type="checkbox"/> PHENOL	<u>≤ 0.05</u>	<u>AD</u>	<input type="checkbox"/> 608	<u>Report</u>		<input type="checkbox"/>		
OIL & GREASE (PPM)	Result	Initials	OUTSIDE ANALYSIS	Result	Initials	<input checked="" type="checkbox"/> FLASHPOINT	<u>2212</u>	<u>JB</u>
<input checked="" type="checkbox"/> TOTAL	<u>36.7</u>	<u>Jeh</u>	<input type="checkbox"/> T.T.O. (624, 625, 608)	<u>See</u>		<input type="checkbox"/>		
<input checked="" type="checkbox"/> PETROLEUM HYDROCARBON	<u>≤ 2</u>	<u>Jeh</u>	<input type="checkbox"/> BIOASSAY	<u>Attached</u>		<input type="checkbox"/>		
			<input type="checkbox"/> pH	<u>Report</u>		<input type="checkbox"/>		

* Dissolved

P.T.O.



Electro-Miniatures Corp.

MARK POLLACK

PROCEDURE NO. SFT 001

ISSUE: ORIGINAL

DATE: 4/8/87

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68 WEST COMMERCIAL AVENUE • MOONACHIE, NEW JERSEY 07074

(201) 460-0510

TELETYPE (TWX) 710-989-0135

WRITTEN HAZARD COMMUNICATION PROGRAM

29 CFR 1910.1200 (e)

AUTHORIZED BY: Mark Pollack, President

PREPARED BY: John Arch, General Manager

CHECKED BY: Chuck Phipps, Quality Control Manager

Frank Sehr, Plant Manager

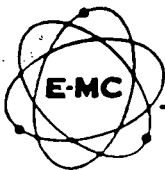
Michael Pinto, Material Control Manager

1.0 SCOPE AND INTENT:

- 1.1 The following Written Hazard Communication Program has been established and implemented at Electro-Miniatures Corp.
The intent of this program is to provide a safe and healthful workplace through employee awareness.
- 1.2, This program will be available for review by all employees via the General Manager, Quality Control Manager, or the Union Shop Stewart.

2.0 PURCHASING AND MATERIAL CONTROLS:

- 2.1 All purchase orders issued by Electro-Miniatures Corp. for products that will ultimately be used in the workplace shall bear the following:
"Please furnish M.S.D.S., and warning labels applicable to this order."
- 2.1.1 In the event material safety Data Sheets do not apply to a particular procurement, the purchasing agent shall request a certified statement to that effect.
- 2.2 Upon receipt of products procured, the material control manager shall inform the quality control department, via the receiving ticket, if the M.S.D.S. had been received with the shipment.
- 2.2.1 The product will be forwarded to the quality control department where it will be inspected to EMC procedure criteria.
- 2.2.2 If the M.S.D.S. is not attached to the receiving ticket and a notation on the ticket states: "M.S.D.S. not received", the inspector shall hold the product "suspect" until the product safety Data is acquired.



Electro-Miniatures Corp.

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3.0 HAZARD DETERMINATION (1910.1200(d)):

3.1 The quality control manager shall be responsible for evaluating hazardous products by reviewing the vendor "material safety Data Sheets".

3.1.1 M.S.D.S.'s shall be maintained and kept on file in the quality control area.

3.1.2 M.S.D.S.'s shall be accessible for review upon requests from employees, OSHA, NIOSH, or authorities of contractual concern.

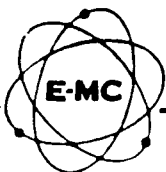
3.2 The quality control manager shall update and/or revise product hazard determination as required to assure proper communication.

4.0 HAZARD COMMUNICATION (1910.1200 (e)):

4.1 The following is a list of HAZARDOUS CHEMICALS used in the common workplace of employees at Electro-Miniatures Corp.

Information as to the safety and/or hazard of each chemical can be obtained by reviewing material safety Data Sheets per para. 3.1.2

<u>MATERIAL</u>	<u>HAZARDOUS MATERIAL</u>	<u>EFFECTS</u>
Epon Epoxy Resin 828	Resin	Eye and skin irritation
Sonite 41 EPOXY HARDENER	Methylene Dianiline Phenylene Diamine	Eye, skin, and respiratory irritant
Propanol	Acetone & Ethanol	Explosive when exposed to heat; eye irritant
2-Propanol (Isopropyl Alcohol)		
Freon		
Precision cleaning Agent	Fluorocarbon	Skin irritant, eye irritation, dryness of skin, inhalation of concentrated vapors can be fatal
Solder	Tin, lead, silver	Stomach and intestinal irritability
Flux	Isopropyl, alcohol and Rosin	Skin or eye irritation, rash, headache or respiratory irritant
Oxygen	N/A	Breathing may cause stuffiness and cough, sore throat and chest pains
Trichlorethylene	Hydrochloric	May cause Cancer & central nervous system depressant,
Ethylene Trichloride	Acid & Phosgene	inhalation may cause dizziness and nausea, headache, loss of coordination
Epoxy Molding Compound	Silicates, Fibrous glass Antimony Oxide & Epoxy Resin	Eye and skin irritant



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4.2 The following is a list of HAZARDOUS CHEMICALS that are used by a properly trained individual in our isolated plating department.

<u>MATERIAL</u>	<u>HAZARD</u>	<u>EFFECTS</u>
Muriatic Acid	Muriatic Acid	Causes severe burns of skin & eyes
Sulfuric Acid	Sulfuric Acid & Water	Causes severe burns of skin & eyes
Hydrochloric Acid	N/A	Causes severe burns of skin & eyes
Nitric Acid	Nitric Acid & Water	Severe burns to skin & eyes
Potassium Cyanide	N/A	May be fatal if swallowed or inhaled, causes eye burns & irritation of skin
Potassium Carbonate	N/A	Causes skin & mucous membrane irritation
Potassium Silver Cyanide	Silver Cyanide	Life threatening if swallowed, inhaled or absorbed through skin
Sodium Hydroxide	Sodium Hydroxide	Severe burns to eyes & skin, swallowing may be fatal, inhalation may damage upper respiratory damage
Boric Acid	N/A	Irritates mucous membranes & eyes
Gold Buffer Salts	N/A	Slight irritant to skin
Ammonium Persulfates	Ammonium Persulfate	Eye & skin irritant
Enerox MC	Ethylenediamine	Irritant to nose, throat & respiratory system
Accuclean	Hydrochloric Acid	Causes severe burns to eyes & skin
Sodium Bichromate	Sodium Bichromate	Irritant to eyes & skin
Nickel Anti-Pitter (wetting agent)	N/A	Slightly irritant to skin
Nickel Brightener	N/Z	Slightly irritant to skin
Nickel Sulfate	Nickel Sulfate	Irritant to eyes, skin & respiratory tract
Nickel Chloride	Nickel Chloride	Irritant to eyes, skin & respiratory tract
Nickel Carbonate	N/A	Irritant to eyes, skin & respiratory tract
Plating Solution	N/A	Irritating to eyes & skin
Additive T-G 30		
Silvalorite II	Anitomy Trioxide	Corrosive to eyes, nose, throat & skin
	Potassium Hydroxide	



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(201) 460-0510 TELETYPE (TWX) 710-989-0135

4.3 If in the event a non-routine hazardous task is deligated to an employee, the plant manager shall present a safety briefing which will include the following:

- A. Specific chemical hazards.
- B. Usage of protective equipment/safety percautions the employee can take.
- C. Presence of a company official.
- D. Measures the company has taken to lessen the hazards.
- E. Emergency and/or first aid procedures for the employee.

5.0 LABELS (1910.1200 (f)):

- 5.1 Upon determination, the quality control designated representative shall label the hazardous product with "HMIS" labels (or equivalent) that will inform the user of determined health hazards.
 - 5.1.1 The label shall bear a code traceable to the supplier/manufacturer M.S.D.S.
 - 5.1.2 Labels shall be in English
- 5.2 The plant manager shall be responsible for verification of proper labels on all hazard determination products use.
 - 5.2.1 No hazard determined product shall be released for use without a label.

6.0 MATERIAL SAFETY DATA SHEETS (1910.1200 (g)):

- 6.1 Copies of M.S.D.S.'s for all hazardous products to which employee's may be exposed will be kept on file in the quality control area.
 - 6.1.1 The records will be available for review, per 3.1.1 & 3.1.2

7.0 EMPLOYEE TRAINING AND INFORMATION (1910.1200 (h)):

- 7.1 New Employee's
 - 7.1.1 Before starting work, each new employee will be made aware of the safety program implemented at EMC.
 - 7.1.2 The new employee shall receive a copy of the written communication program and informed of the chemicals in use that are related to his/her job. Percautions and preventive measures that can lessen the effects of hazardous chemicals shall be furnished, and what the company has implemented to maintain safety in the workplace. The new employee shall also be trained as to procedures to follow if they are exposed to hazardous chemicals.



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7.0 EMPLOYEE TRAINING AND INFORMATION (1910.1200 (h)):

7.2 Quarterly safety/meetings will be held by the EMC Safety Board and Hazardous Materials will be discussed.

7.2.1 All employees shall be informed of the physical and health hazards of chemicals, and sign a form stating that they received written materials outlined above and received safety training.

7.2.2 Notices will be posted on the employee bulletin boards that will provide an explanation of our container labeling system and the location of the M.S.D.S.'s on file.

8.0 INFORMING CONTRACTORS:

8.1 It is the responsibility of the Purchasing Department Director to provide outside contractors and their employees with the following information:

A. Hazardous chemicals to which they may be exposed while on the job site.

B. Measures the contractors' employees may take to reduce the possibility of exposure.

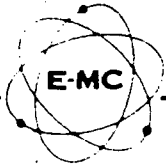
C. Steps the company has taken to minimize the risks.

D. Notification that M.S.D.S.'s for all hazardous chemicals are on file in the Quality Control area.

REVISIONS

Revisions and changes to this Hazardous Communication Program will be based on changes in materials and updated technical procedures of this program.

Employees will be made aware of these changes via para. 7.0 of this program.



ENCLOSURE #1
Electro-Miniatures Corp.

68 WEST COMMERCIAL AVENUE • MOONACHIE, NEW JERSEY 07074
(201) 460-0510 TELETYPE (TWX) 710-989-0135

May 21 1985

New Jersey Department of Environmental Protection
Division of Waste Management
1259 Route 46
Parsippany, New Jersey 07054

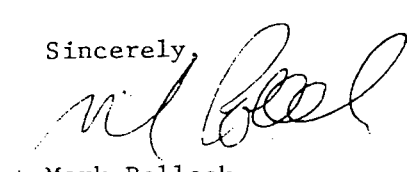
Attn: Matthew Bigley: Investigator
Ref: Violation received 4/30/85

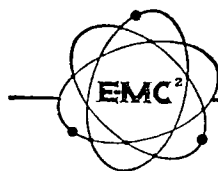
Sir:

This letter is to inform you that the violation received 4/30/85 for failing to properly label a hazardous waste has been remedied. S & W Waste, Inc. has been contracted and has labeled and removed all containers (drums) containing chlorinated solvents. A copy of the manifest, material profile sheet and purchase order have been enclosed for your review.

During your visit at Electro-Miniatures, we were made aware that a facility generating a total of less than ~~1000~~ ^{513/100} kilograms of hazardous waste per month is not subject to regulation under Parts 262 through 265 and 122 through 124 of the RCRA. Since Electro-Miniatures does not generate this quantity of waste we are formerly applying to be removed from the generator list. In order to prevent any future problem all hazardous materials will be properly marked. All materials will be kept separately to enable reclamation and all concerned personel will be given training necessary to ensure safety and compliance. If you have any further questions, please contact me directly.

Sincerely,


Mark Pollack
Vice President, E.M.C.



Electro-Miniatures Corp.

68 W. COMMERCIAL AVE. MOONACHIE, NEW JERSEY 07074
AREA CODE (201) 460-0510
TWX: 710-989-0135



TO **F. B. Gaste, Inc.**
115 Jacobus Avenue
South Haverly, N.J. 07032

PURCHASE ORDER

No. F 5369

DATE May 6, 1985

THE ABOVE ORDER NUMBER MUST APPEAR ON ALL INVOICES, PACKING SLIPS AND CORRESPONDENCE.

SHIP TO THE ABOVE ADDRESS UNLESS OTHERWISE INDICATED

344-4034 Jay Perletain

PLEASE ENTER OUR ORDER FOR THE FOLLOWING MATERIAL IN ACCORDANCE WITH THE INSTRUCTIONS TERMS AND CONDITIONS AS SHOWN ON THE FACE AND REVERSE SIDE HEREOF.

SHIP TO	F.O.B.	SHIP VIA	DELIVERY REQUIRED	TERMS
		<input checked="" type="checkbox"/> Pickup your truck <input type="checkbox"/> PREPAID <input type="checkbox"/> COLLECT	9/4/85 5/20/85	net 30 days

GOVERNMENT CONTRACT NO. _____

INSPECTION: AUTOMATIC GOVERNMENT SOURCE ☐

CERTIFIED UNDER D.M.S. REGULATION NO. _____

GOVERNMENT SOURCE ☐

DESTINATION ☐

ITEM	QUANTITY	OUR PART NO.	DESCRIPTION	UNIT PRICE	EXTENSION
1	7 drums		Pickup, transport and disposal of drums on EMC dock. As per your letter quote of 4/12/85	95.00/drum	665.00
2			Labeling and manifesting	50.00	50.00
			THC P.A. Number NJ P 063298602		
RENDER INVOICES IN TRIPLICATE				TOTAL PRICE	715.00

☐ YES ☐ NO **Certificate of Compliance Required**

Certificate proving compliance to the requirements of applicable drawings and/or specifications is to be supplied with each shipment of material on this order in triplicate. Appropriate test reports and/or certificates to be on file for buyer's review and verification on request. Invoices will not be honored unless Certificate of Compliance is received.

ELECTRO-MINIATURES CORP.

BY _____

ORIGINATING BUYER

If promised Shipping Date cannot be met, notify Buyer by wire or telephone at once, advising new Shipping Date.

PURCHASING MANAGER

EXPEDITING COPY

S & W WASTE, INC.

115 JACOBUS AVE. • KEARNY, N.J. 07032 • (201) 344-4004

GENERATORS WASTE MATERIAL PROFILE SHEET

APPROVAL
CODE _____

TECHNICAL
REP. INITIALS _____

A. GENERAL INFORMATION

GENERATOR NAME _____ GENERATOR EPA I.D. NO. _____

AND ADDRESS _____

TECHNICAL CONTACT _____ TITLE _____ PHONE _____

WASTE NAME _____

PROCESS GENERATING WASTE _____

B. PHYSICAL CHARACTERISTICS OF WASTE

PHYSICAL STATE @ 70°F <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER % LIQUID _____	ODOR _____ COLOR _____	<input type="checkbox"/> ORGANIC <input type="checkbox"/> INORGANIC <input type="checkbox"/> CHLORINATED ORGANIC	BTU VALUE PER LB. _____ % CL _____ % S _____ BS&W _____	LAYERS <input type="checkbox"/> MULTI LAYERED <input type="checkbox"/> BI-LAYERED <input type="checkbox"/> SINGLE PHASED	TOC _____ COD _____ % SOLIDS _____
pH: <input type="checkbox"/> 0-2 <input type="checkbox"/> 2.1-4 <input type="checkbox"/> 4.1-6.9 <input type="checkbox"/> 7 <input type="checkbox"/> 7.1-10 <input type="checkbox"/> 10.1-12.5 <input type="checkbox"/> <12.5 <input type="checkbox"/> EXACT _____	SPECIFIC GRAVITY <input type="checkbox"/> < .8 <input type="checkbox"/> .8-9 <input type="checkbox"/> .9-95 <input type="checkbox"/> .95-1.0 <input type="checkbox"/> 1.0-1.1 <input type="checkbox"/> 1.1-1.24 <input type="checkbox"/> 1.25-1.4 <input type="checkbox"/> 1.5-1.7 <input type="checkbox"/> > 1.7 <input type="checkbox"/> EXACT _____	FLASH POINT (°F) <input type="checkbox"/> < 100 <input type="checkbox"/> 100-140 <input type="checkbox"/> 140-200 <input type="checkbox"/> > 200 <input type="checkbox"/> EXACT _____			

C. CHEMICAL COMPOSITION (MUST TOTAL 100%)

%

F. HAZARDOUS CHARACTERISTICS:

TOXICITY RATINGS

_____ INHALATION

_____ DERMAL

_____ ORAL

☐ EXPLOSIVE

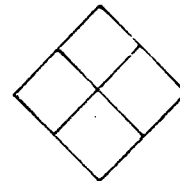
☐ PYROPHORIC

☐ WATER REACTIVE

☐ SHOCK SENSITIVE

☐ MSDS ATTACHED

NFPA RATING



G. MANIFEST INFORMATION

PROPER DOT SHIPPING NAME _____

DOT HAZARD CLASS _____

UN/NA NO. _____

EPA/STATE WASTE TYPE _____

EPA/STATE HAZARD CODE _____

H. SHIPPING INFORMATION

☐ BULK LIQUID ☐ BULK SOLID ☐ DRUMS ☐ OTHER _____

SHIPPING FREQUENCY: _____ QUANTITY _____ PER _____

I. SPECIAL HANDLING INFORMATION/COMMENTS:

E. OTHER COMPONENTS

- ☐ PCB'S* _____
- ☐ PESTICIDES/HERBICIDES* _____
- ☐ CYANIDE OR CYANIDE PRODUCING _____
- ☐ SULFIDE OR SULFIDE PRODUCING _____
- ☐ PHENOLICS _____
- ☐ RADIOACTIVE _____
- ☐ INFECTIOUS _____
- ☐ OTHER _____

* ATTACHED DISCLAIMERS MUST BE SIGNED

J. I HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED ABOVE AND ALL ATTACHMENTS ARE COMPLETE AND ACCURATE, AND THAT ALL SAMPLES SUBMITTED ARE REPRESENTATIVE OF THE WASTE.

DATE _____

TITLE _____

GENERAL SIGNATURE _____

S & W WASTE, INC.

115 JACOBUS AVE. • KEARNY, N.J. 07032 • (201) 344-4004

GENERATORS WASTE MATERIAL PROFILE SHEET

APPROVAL
CODE _____

TECHNICAL
REF. INITIALS _____

A. GENERAL INFORMATION

GENERATOR NAME _____ GENERATOR EPA I.D. NO. _____

AND ADDRESS _____

TECHNICAL CONTACT _____ TITLE _____ PHONE _____

WASTE NAME _____

PROCESS GENERATING WASTE _____

B. PHYSICAL CHARACTERISTICS OF WASTE

PHYSICAL STATE @ 70°F <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER % LIQUID _____	ODOR _____ COLOR _____	<input type="checkbox"/> ORGANIC <input type="checkbox"/> INORGANIC <input type="checkbox"/> CHLORINATED ORGANIC	BTU VALUE PER LB. _____ % CL _____ % S _____ BS&W _____	LAYERS <input type="checkbox"/> MULTI LAYERED <input type="checkbox"/> BI-LAYERED <input type="checkbox"/> SINGLE PHASED	TOC _____ COD _____ % SOLIDS _____
pH: <input type="checkbox"/> 0-2 <input type="checkbox"/> 2.1-4 <input type="checkbox"/> 4.1-6.9 <input type="checkbox"/> 7 <input type="checkbox"/> 7.1-10 <input type="checkbox"/> 10.1-12.5 <input type="checkbox"/> <12.5 <input type="checkbox"/> EXACT _____ <input type="checkbox"/> N/A		SPECIFIC GRAVITY <input type="checkbox"/> < .8 <input type="checkbox"/> .8-.9 <input type="checkbox"/> .9-.95 <input type="checkbox"/> .95-1.0 <input type="checkbox"/> 1.0-1.1 <input type="checkbox"/> 1.1-1.24 <input type="checkbox"/> 1.25-1.4 <input type="checkbox"/> 1.5-1.7 <input type="checkbox"/> > 1.7 <input type="checkbox"/> EXACT _____		FLASH POINT (°F) <input type="checkbox"/> < 100 <input type="checkbox"/> 100-140 <input type="checkbox"/> 140-200 <input type="checkbox"/> > 200 <input type="checkbox"/> EXACT _____	

C. CHEMICAL COMPOSITION (MUST TOTAL 100%)

%

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

D. METALS

☐ TOTAL

☐ EP TOX

Ag _____	Hg _____
As _____	Ni _____
Ba _____	Pb _____
Cd _____	Sa _____
Cr _____	Zn _____
Cu _____	Te _____
OTHER _____	

E. OTHER COMPONENTS

<input type="checkbox"/> POP'S
<input type="checkbox"/> PESTICIDES/HERBICIDES
<input type="checkbox"/> CYANIDE OR CYANIDE PRODUCING
<input type="checkbox"/> SULFIDE OR SULFIDE PRODUCING
<input type="checkbox"/> PHENOLICS
<input type="checkbox"/> RADIOACTIVE
<input type="checkbox"/> INFECTIOUS
<input type="checkbox"/> OTHER
ATTACHED DISCLAIMERS MUST BE SIGNED

F. HAZARDOUS CHARACTERISTICS:

TOXICITY RATINGS

_____ INHALATION

_____ DERMAL

_____ ORAL

☐ EXPLOSIVE

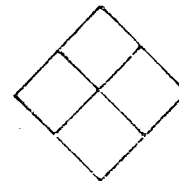
☐ PYROPHORIC

☐ WATER REACTIVE

☐ SHOCK SENSITIVE

☐ MSDS ATTACHED

NFPA RATING



G. MANIFEST INFORMATION

PROPER DOT SHIPPING NAME _____

DOT HAZARD CLASS _____

UN/NA NO. _____

EPA/STATE WASTE TYPE _____

EPA/STATE HAZARD CODE _____

H. SHIPPING INFORMATION

☐ BULK LIQUID ☐ BULK SOLID ☐ DRUMS ☐ OTHER _____

SHIPPING FREQUENCY _____ QUANTITY _____ PER _____

I. SPECIAL HANDLING INFORMATION/COMMENTS:

I, _____, THEREBY CERTIFY THAT ALL INFORMATION SUBMITTED ABOVE AND ALL ATTACHMENTS ARE COMPLETE AND ACCURATE, AND THAT ALL SAMPLES SUBMITTED ARE REPRESENTATIVE OF THE WASTE.

DATE _____

TITLE _____

GENERAL SIGNATURE _____

FROM:

Electro-Miniatures Corp
68 W. Commercial Avenue
Moonachie, New Jersey 07074

Customer Number, if any:

TO:

S & W Waste, inc.
115 Jacobus Avenue
Kearny, New Jersey 07032

Label 1-B, Jan. 1983 ★ U.S.G.P.O. 1982-384-133

EXPRESS MAIL
NEXT DAY SERVICE**POST OFFICE
TO ADDRESSEE****B 25032081****ORIGIN:**Initials of
Receiving
Clerk

P.U. ZIP Code

Date

Return Receipt Service

☐ To Whom & Date Del☐ To Whom, Date
& Address of Del

Weight

Lbs

Postage
& Fees**SERVICE GUARANTEE:**

Domestic mailings under this service made at designated USPS facilities on or before a specified deposit time, will be accepted for express shipment to a designated USPS delivery area having Express Mail Service for next day delivery to an addressee or agent on or before the time specified by the USPS at mailing. USPS will refund upon application to originating office the postage for any shipments mailed under this service and not meeting the service standard except for those delayed by strike or work stoppage. See USPS Notice 43 for details.

INSURANCE COVERAGE:

See USPS Notice 7 or Notice 63 for exclusions of coverage.
(1) *Document Reconstruction Insurance* Non-negotiable documents are insured against loss, damage, or rifling up to \$50,000 per piece, subject to a limit of \$500,000 per occurrence.
(2) *Merchandise Insurance* Parcels are insured against loss, damage, or rifling up to a maximum of \$500.

- Signature is required upon delivery.
- Claims for delay, loss, damage or rifling must be made within 90 days. Claim forms may be obtained at the post office of mailing.
- This receipt must be presented when a claim is filed.

**EXPRESS MAIL SERVICE
Customer Receipt****REMOVE COPIES 1 & 2**

NOTICE OF VIOLATION

ID NO. NON-NOTIFIER DATE 4/30/85
NAME OF FACILITY ELECTRO-MINIATURES
LOCATION OF FACILITY 68 WEST COMMERCIAL AVE MOONACHIE
NAME OF OPERATOR MARK POLLACK

You are hereby NOTIFIED that during my inspection of your facility on the above date, the following violation(s) of the Solid Waste Management Act, (N.J.S.A. 13:1E-1 et seq.) and Regulations (N.J.A.C. 7:26-1 et seq.) promulgated thereunder and/or the Spill Compensation and Control Act, (N.J.S.A. 58:10-23.11 et seq.) and Regulations (N.J.A.C. 7:1E-1 et seq.) promulgated thereunder were observed. These violation(s) have been recorded as part of the permanent enforcement history of your facility.

DESCRIPTION OF VIOLATION NJAC 7:26-7.2(a) Failing
TO PROPERLY LABEL A HAZ WASTE
CONTAINER

Remedial action to correct these violations must be initiated immediately and be completed by

5/30/85. Within fifteen (15) days of receipt of this Notice of Violation, you shall submit in writing, to the investigator issuing this notice at the above address, the corrective measures you have taken to attain compliance. The issuance of this document serves as notice to you that a violation has occurred and does not preclude the State of New Jersey, or any of its agencies from initiating further administrative or legal action, or from assessing penalties, with respect to this or other violations. Violations of these regulations are punishable by penalties of \$25,000 per violation.

Matthew Biale
Investigator, Division of Waste Management
Department of Environmental Protection



State of New Jersey
Department of Environmental Protection
Division of Waste Management
CN 028, Trenton, NJ 08625

Please print or type. (Form designed for use on eight (12-oct) typewriter.)

Form Approved. OMB No. 2000-0404. Expires 7-31-85

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. NJ1019161912911105		Page 1 of 1		Information in the shaded areas is not required by Federal law.*					
3. Generator's Name and Mailing Address ELECTROMINIATURES 68 N. Commercial Ave. Moonachie, N.J. 07074				A. State Manifest Document Number NJA0062242							
4. Generator's Phone 201 460-0510				B. State Gen. ID 00000							
5. Transporter 1 Company Name S & W WASTE, INC.				C. State Transporter's ID 00000							
6. US EPA ID Number NJ1019161912911105				D. Transporter's Phone 201 344-4004							
7. Transporter 2 Company Name				E. State Transporter's ID							
8. US EPA ID Number				F. Transporter's Phone							
9. Designated Facility Name and Site Address S & W WASTE, INC. 105 JACOBUS AVENUE SO. KENNY, N.J. 07032				G. State Facility's ID							
10. US EPA ID Number NJD9912911105				H. Facility's Phone 201 344-4004							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers		13. Total Quantity		14. Unit		15. Waste No.	
a. WASTE ORN-A				No. Type							
b. ORN-A											
c. NA1693				1 7 DM		385		G		P002	
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State of New Jersey
Department of Environmental Protection
Division of Waste Management
CN 028, Trenton, NJ 08625

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2000-0404. Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.*
3. Generator's Name and Mailing Address				A. State Manifest Document Number	NJ A0062242
4. Generator's Phone				B. State Gen. ID	
5. Transporter Company Name		E. US EPA ID Number		C. State Transporter's ID	
7. Transporter Company Name		2. US EPA ID Number		D. Transporter's Phone	
9. Designated Facility Name and Site Address		US EPA ID Number		E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers	13. Total Quantity
				No.	Type
a. HAZARDOUS WASTE					
b.					
c.					
d.					
J. Additional Descriptions for Materials Listed Above				K. Handling codes for Wastes Listed Above	
a.				a.	
b.				b.	
15. Special Handling Instructions and Additional Information					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations, and all applicable State laws and regulations.					
Printed/Typed Name				Signature	
				Date	
17. Transporter 1 Acknowledgement of Receipt of Materials				Date	
Printed/Typed Name				Signature	
				Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials				Date	
Printed/Typed Name				Signature	
				Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name				Signature	
				Date	
				Month Day Year	

S & W WASTE, INC.115 JACOBUS AVENUE
SOUTH KEARNY, N.J. 07032
(201) 344-4004

CUSTOMER #

Electrominatures
68 W Commercial Ave
Moonachie NJ005460 - 001
TICKET #

BILL TO:

No 26711

DATE

20
5-13-85

TRUCK #

B35
416

DRIVER

JETS
6005

MANIFEST #

60242

CONTAINER:

182

IN:

22

OUT:

DRUMS REMOVED

7

INSTRUCTIONS/REMARKS:

SANDY Plu 3 drs chlorinated
460-0510 - F5369 Solvent

NEEDS PAPERWORK + LIFT

TIME LEFT YARD

TIME ARRIVED JOB

TIME LEFT JOB

400

TIME ARRIVED YARD

300

Have Sandy
Sign w.p.s.Contact Environmental
Before Patching
Drums must have
Signed w.p.s. before p.m.

CUSTOMER SIGNATURE:

[Signature]

EMPLOYEE SIGNATURE:

[Signature]

***Electro-Miniatures Corp.***

68 WEST COMMERCIAL AVENUE • MOONACHIE, NEW JERSEY 07074
(201) 460-0510 TELETYPE (TWX) 710-989-0135

June 19, 1985

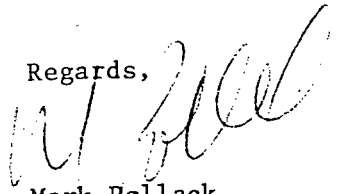
Bureau of Hazardous Waste
Planning and Classification
32 East Hanover Street
Trenton, New Jersey 08625

Attn: Shirley Schiffman
Ref: Dicertification of generator status

Electro-Miniatures Corporation formally requests that it be removed from the list of facilities classified as hazardous waste generators. (EPA#NJDO69298602) In March of 1985, Electro-Miniatures applied for and received an E.P.A. identification number so that chlorinated solvents gathered at our facility could be properly removed and disposed of. Upon completion of the clean up, Electro-Miniatures has found that the need to use chlorinated solvents in quantity is not necessary. In fact we will be generating considerably less than 100 kilogram per month limit.

This being the case we request removal of our company from the list of hazardous waste generators. Should you require additional information and/or wish to inspect our premises please contact me directly. Thank you so much for your help in this matter.

Regards,


Mark Pollack
Vice President EMC

MP/mc

RECEIVED ELECTRONIC AND ELECTRO MECHANICAL ASSEMBLIES



Electro-Miniatures Corp.

68 WEST COMMERCIAL AVENUE • MOONACHIE, NEW JERSEY 07074
(201) 460-0510

TELETYPE (TWX) 710-989-0135

June 19, 1985

New Jersey Department of Environmental Protection
Division of Waste Management
1259 Route 46
Parsippany, New Jersey 07054

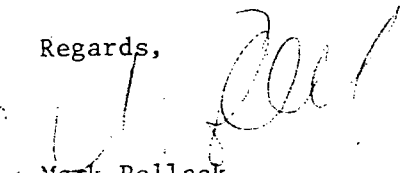
Attn: Gary Bedrosian
Ref: Generator status

As per our recent phone conversation, Electro-Miniatures is and will not be generating hazardous waste in quantities greater than 100 kilograms per month. For this reason we are requesting to be removed from the list of hazardous waste generators.

I have enclosed a copy of our formal request for removal sent to Ms. Shirley Schiffman at planning and classification in Trenton. Should you require an inspection please contact me directly.

Thank you so much for your attention in this matter.

Regards,


Mark Pollack
Vice President EMC

MP/mc

enclosure



Hw
00850

State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
120 Rt. 156, Yardville, N.J. 08620

DR. MARWAN M. SADAT, P.E.
DIRECTOR

LINO F. PEREIRA
DEPUTY DIRECTOR

AUG 14 1985

(IN THE MATTER OF)
(ELEKTRO MINIATURES)

ADMINISTRATIVE
ORDER

The following FINDINGS are made and ORDER is issued pursuant to the authority vested in the Commissioner of the New Jersey Department of Environmental Protection (Department) by N.J.S.A. 13:1D-1 et seq., the Solid Waste Management Act, as amended and supplemented, N.J.S.A. 13:1E-1 et seq., and duly delegated to the Assistant Director for Enforcement and Field Operations, Division of Waste Management, pursuant to N.J.S.A. 13:1B-4.

FINDINGS

- 1) The New Jersey Department of Environmental Protection (hereinafter "the Department") has determined that Elektro Miniatures (hereinafter "EM") is a generator of hazardous waste (EPA ID #NJD065298602) as defined by N.J.A.C. 7:26-1.4 and is located at Block 66, Lot 6, 68 W. Commercial Avenue, Township, Bergen County, New Jersey.
- 2) During an inspection of EM by a Departmental representative on April 30, 1985 it was noted that EM had failed to label a hazardous waste container properly. This is a violation of N.J.A.C. 7:26-7.2(a).
- 3) During an inspection of EM by a Departmental representative on June 20, 1985, it was noted that EM had failed to properly label a hazardous waste container. This is a violation of N.J.A.C. 7:26-9.3(a)3.
- 4) During an inspection of EM by a Departmental representative on June 10, 1985 it was also noted that the hazardous waste containers were not labeled with the accumulation start dates. This is a violation of N.J.A.C. 7:26-9.4(d)4v.
- 5) A letter dated May 21, 1985 received by the Department from EM indicated that EM was in compliance with N.J.A.C. 7:26-7.2(a). A follow-up inspection conducted on June 10, 1985 proves this fact.

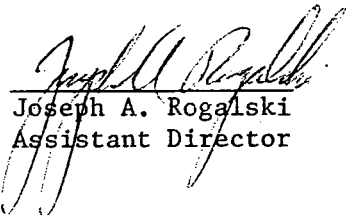
ORDER

NOW, THEREFORE, IT IS HEREBY ORDERED that Elektro Miniatures, its principals, agents, employees, successors, assigns, tenants, and any receiver or trustee in bankruptcy appointed pursuant to a proceeding in law or equity, (should such an entity be appointed to take control of the facility which is the subject of this Order) shall:

- 6) Immediately upon receipt of this Administrative Order, label all hazardous waste containers properly so as to comply with N.J.A.C. 7:26-9.3(a)3.
- 7) Continue to comply with N.J.A.C. 7:26-7.2(a), continue to label all hazardous waste containers properly.
- 8) Immediately upon receipt of this Administrative Order, label all accumulation start dates on all hazardous waste containers, so as to comply with N.J.A.C. 7:26-9.4(d)4v.
- 9) Within fifteen (15) calendar days of receipt of this Administrative Order, submit an affidavit of compliance identifying the actions taken to correct the violations cited in the Findings Section and to comply with this Administrative Order.
- 10) All documentation that is to be submitted to the Department shall be sent to:

New Jersey Department of Environmental Protection
Division of Waste Management
Bureau of Compliance & Enforcement
120 Route 156
Yardville, NJ 06820
Attention: Joe DeSantis

BE ON NOTICE that the maximum civil penalty for violations of the Solid Waste Management Act or an ORDER issued pursuant thereto is \$25,000 per day.


Joseph A. Rogalski
Assistant Director

F01:F033:lmc



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION ✓

DIVISION OF WASTE MANAGEMENT

120 Rt. 156, Yardville, N.J. 08620

DR. MARWAN M. SADAT, P.E.
DIRECTORLINO F. PEREIRA
DEPUTY DIRECTOR

AUG 14 1985

Elektro Miniatures
68 W. Commercial Avenue
Moonachie, NJ 07074

Attention: Mark Pollack

Re: Penalty Settlement Offer

Dear Mr. Pollack:

Attached is an Administrative Order concerning a violation of the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq and regulations promulgated thereunder, specifically N.J.A.C. 7:26-9.3(a)3, 9.4(d)4v and 7.2(a).

Pursuant to the terms of the Administrative Order, the violations must be corrected and the rules and regulations of this Department must be complied with by the specified date.

In addition, a penalty settlement offer of \$1,500.00 will be held open until **AUG 28, 1985** to allow for an amicable resolution of this statutory claim for the referenced violation. Be advised that N.J.S.A. 13:1E-9c provides for a maximum civil penalty of \$25,000 per day for violations of this nature.

In the event of non-compliance with the Administrative Order and/or non-acceptance of this penalty settlement offer, this matter will be referred to the Office of the Attorney General for the initiation of litigation to enforce the Order and seek the full penalties allowed by law.

Should you wish to discuss the specifics for acceptable compliance with these directives, contact Joe DeSantis at (609) 984-3691.

584-3421

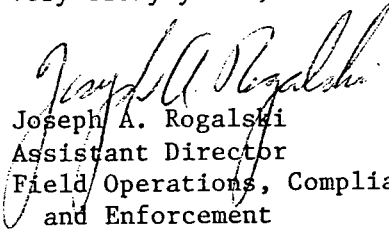
584-3421

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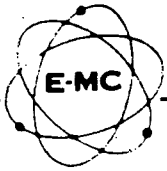
Mr. Mark Pollack
Elektro Miniatures
Page 2

Be advised that such discussion will not automatically delay or otherwise extend the deadline for compliance with the Administrative Order.

Very truly yours,


Joseph A. Rogalski
Assistant Director
Field Operations, Compliance
and Enforcement

F01:F032:lmc
Attachments



Electro-Miniatures Corp.

68 WEST COMMERCIAL AVENUE • MOONACHIE, NEW JERSEY 07074
(201) 460-0510 TELETYPE (TWX) 710-989-0135

August 19, 1985

New Jersey Dept. of Enviromental Protection
Division of Waste Management
Bureau of Compliance and Enforcement
120 Route 156
Yardville, New Jersey 06820

Attn: Joe DeSantis
Ref: Penalty settlement offer and Administrative order

Sir:

Electro-Miniatures is in receipt of the referenced documents and advises as follows:


- 1). Enclosed please find a check, in the amount of \$1,500.00, for payment of the settlement offer as stipulated in your letter (rec'd 8/14/85). This payment provides an amicable resolution of this statutory claim for the referenced violation and will close this matter in its entirety.
- 2). As per our telecon of 8/19/85, Electro-Miniatures is no longer a generator of Hazardous waste as defined in N.J.A.C. 7:26-1.4 and has requested to be removed from the list of hazardous waste generators. I have enclosed letters to the N.J.D.E.P. and Bureau of Hazardous Waste to this effect.
- 3). Chlorinated waste was generated in small quantities due to a process required to clean ball bearings. This process has been stopped and bearings are now purchased already cleaned and lubricated by the manufacturer.
- 4). Please be advised that the need for proper labeling and the recording of accumulation start dates will not be necessary as hazardous waste is no longer generated.

ELECTRONIC AND ELECTRO-MECHANICAL ASSEMBLIES

5). Should you require an inspection of our premises we are open from 7:45 A.M. to 4:15 P.M. Monday through Friday.

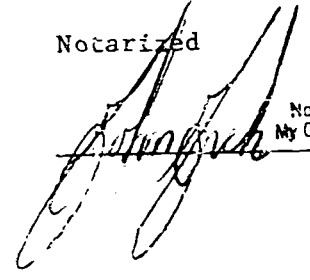
If you have any further questions or problems please do not hesitate to contact me directly. Thank you so much for your attention in this matter.

Sincerely


Mark Pollack
Vice President EMC

MP/mc
Enclosure

Notarized


JOHN ARCH
Notary Public of New Jersey
My Commission Expires 7/29/89

13811, July 1983

DOMESTIC RETURN RECEIPT

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. ☐ Show to whom, date and address of delivery.
2. ☐ Restricted Delivery.

3. Article Addressed to:
*NY Dept Environ Protection
Div. Waste Management
120 Rte 156
Yardville NJ 06820*

4. Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Article Number
*P 23247
060*

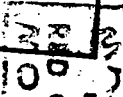
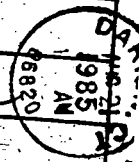
Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee
X

6. Signature - Agent
X Edith F Wargo

7. Date of Delivery
8/26/85

8. Addressee's Address (ONLY if requested and for paid)



THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND - NOT A WHITE BACKGROUND

UNITED JERSEY BANK

ELECTRO-MINIATURES CORP.

3 - 21
893

1768

PAY



1776-1976

1500

00 CTS

DATE AUG. 19, 1985

\$ 1500.00

TO THE
ORDER OF

N.J. DEPT. OF ENVIRONMENTAL
PROTECTION

ELECTRO - MINIATURES CORP.

[Signature]
PRESIDENT

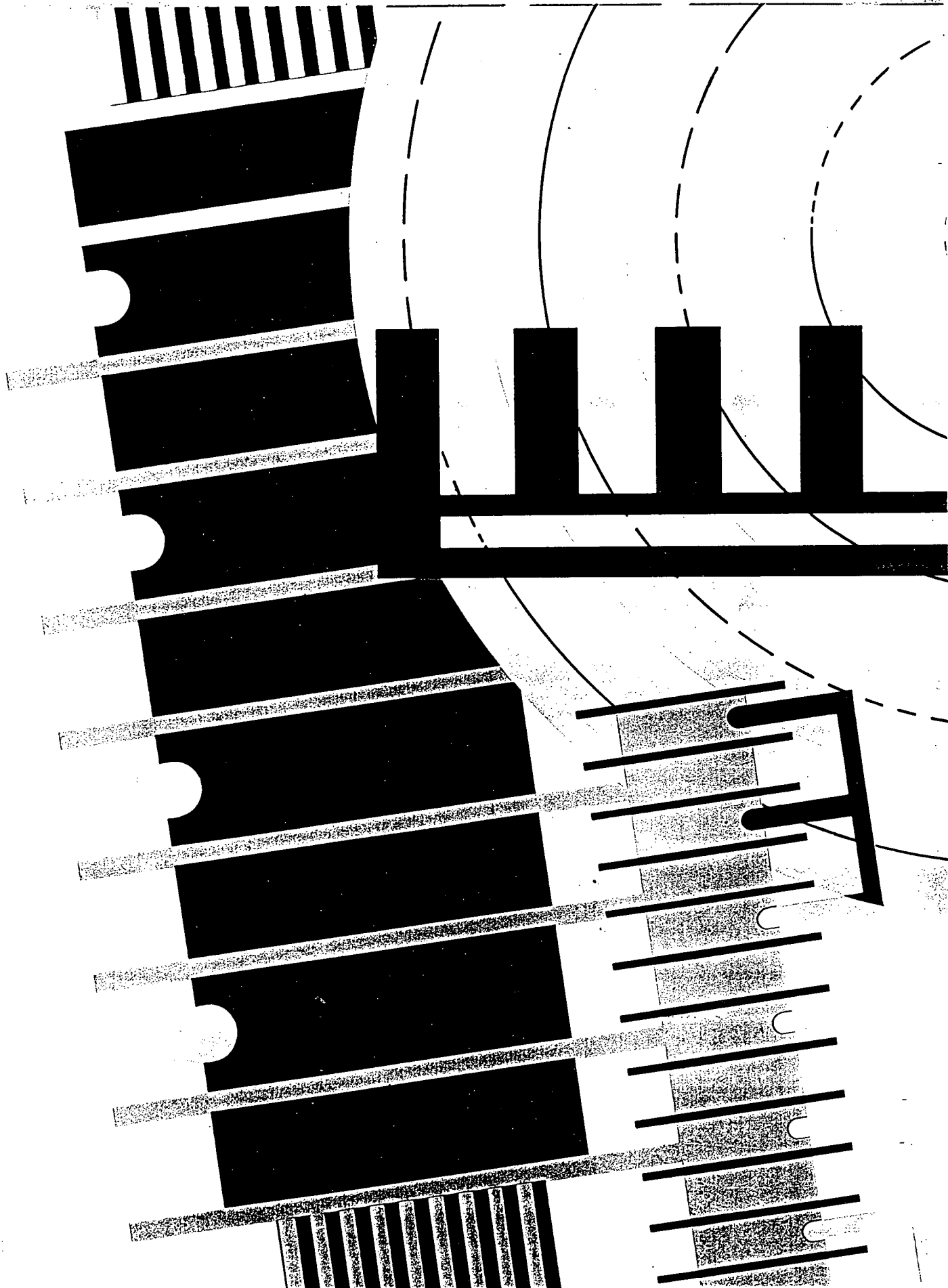
SECRETARY

THE BACK OF THIS DOCUMENT CONTAINS AN ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW

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Electro-Miniatures Corporation



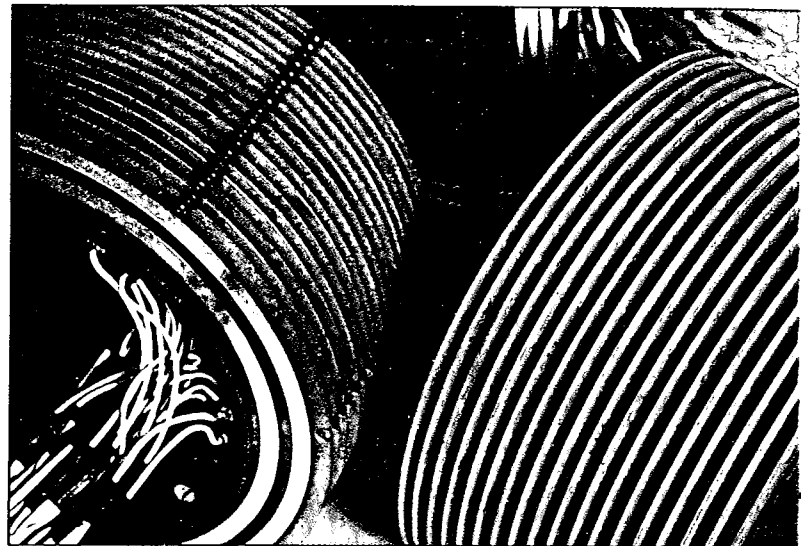
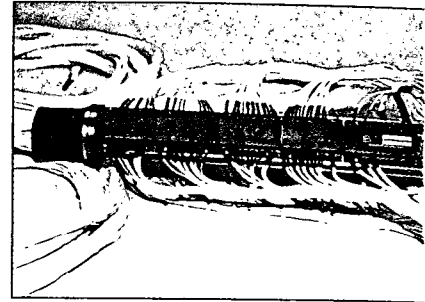
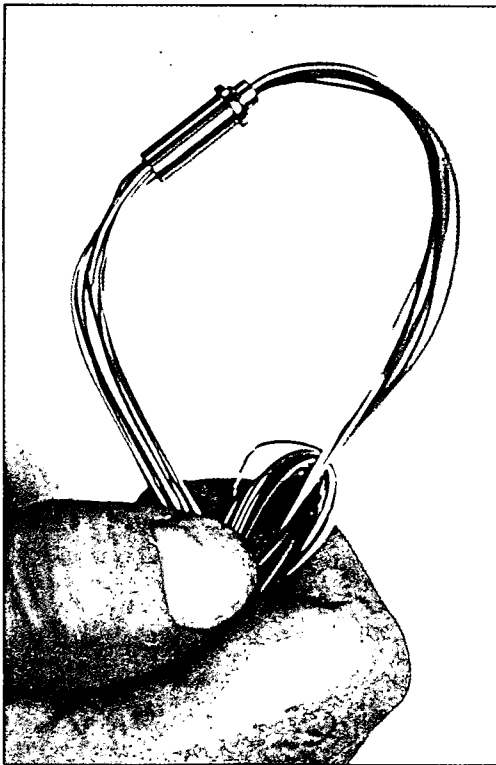


Electro-Miniatures Corp.

Electro-Miniatures Corporation has been in business for more than thirty-five years. We design and manufacture slip ring assemblies for all branches of the US Armed Forces, a large number of primary defense contractors, and many commercial/industrial concerns.

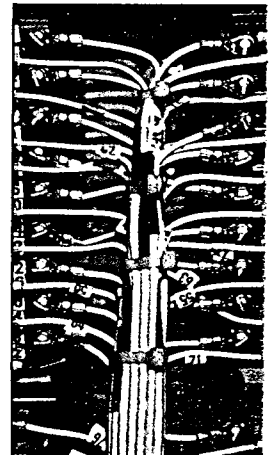
Over the years, EMC has designed and built thousands of slip ring assemblies ranging from economical "off the shelf" assemblies to the most sophisticated slip rings available. Most units are designed to meet rigid and detailed customer specification where high reliability in a hostile environment is a requirement. Whether the end use be ground based, ground mobile, shipboard, airborne or space, we can meet your production, reliability and workmanship needs.

Slip ring assemblies provide a means of transferring electrical energy from stationary to rotating structures. Slip rings may also contain pneumatic couplings and hydraulic joints accomodating a large range of operating pressures and flow rates.

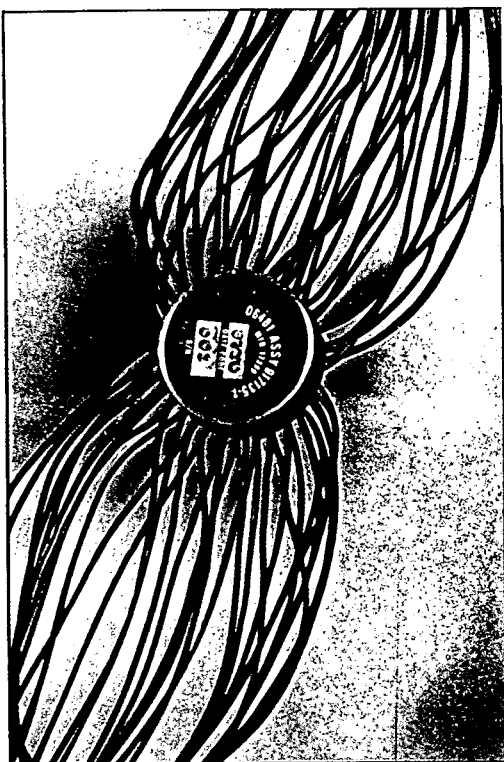


Applications for which EMC has supplied slip rings include:

- Shipboard communications, tracking and fire control
- Ground and ground mobile radar pedestals
- Inertial navigation systems
- Missile launching and tracking
- Instrumentation and control
- Satellite solar arrays
- Armored vehicles/turrets
- Submarine periscopes
- Helicopter blade indexing and de-icing
- Test equipment/cells
- Industrial/military cable reel systems
- Robotics
- Commercial marking and packaging equipment



Today's market demands versatility. Our goal is to supply an assembly that meets our customers' exact needs. Our experience in designing and producing slip ring assemblies allows us to supply the correct configuration for your requirements. New designs and modifications to existing ones can be made on any requirement from instrumentation separates and miniature capsules to large drum and/or platter assemblies. In addition, we retain the in-



house capabilities necessary to minimize dependence on outside suppliers. These capabilities include:

- All design engineering and research/development
- Mold, tool and die fabrication
- Metal finishing
- Precious metal plating
- CNC equipped machine shop
- Epoxy casting and plastic molding
- Electrical, mechanical and environmental testing

Electro-Miniatures Corporation maintains quality and inspection systems complying with the requirements of Mil-Q-9858A and Mil-I-45208A.

The following provides a brief look at the markets and services EMC supplies.

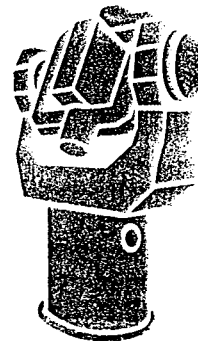
Slip Ring Capsules

EMC is both a pioneer and a leader in the design and manufacture of capsule assemblies. Used primarily in the inertial guidance packages of sophisticated military and commercial aircraft, capsules may also be used in a variety of test, antenna, and instrumentation applications. EMC has supplied slip rings for such applications as the F-15 Aircraft, Cruise Missile and the Positioning Azimuth Determination System.

Combining innovative design and manufacturing methods, we have met the most critical specification requirements including package size, environment, torque and electrical parameters. Capsule features include:

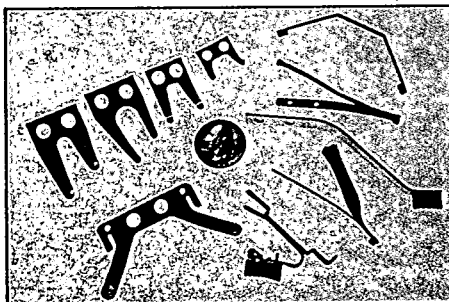
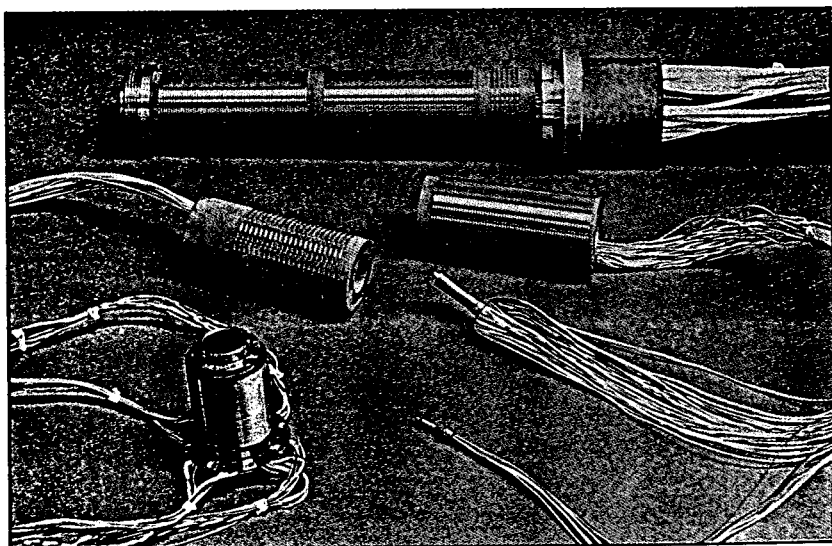
- Two to three hundred line capacity
- Current carrying capacity to 35 amps
- Dielectric to 2000 VAC
- Low noise, low torque capability
- Resistance welded leadwire
- Low outgassing plastics
- A variety of ring/brush combinations

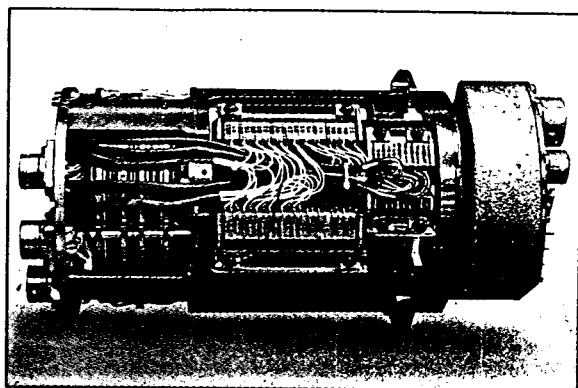
For a more detailed view of capsule configuration, size and current handling capability, see our slip ring capsule literature.



Slip Ring Separates

An alternative to a completely enclosed assembly, slip ring separates are individual rotor and brush assemblies that are mated by the customer. Slip ring separates may be extremely small for use in aircraft instrumentation and gyro packages or larger to accommodate machinery power requirements.





Separates can be molded or cast, depending upon application. Rotor configurations include flat discs with a concentric ring arrangement and drums with rings located next to one another along the rotor length. Rotor barrel diameters less than .070" and brush wire contacts as small as .004" in diameter can be supplied. Brushes include precious metal wire wipers or spring leaves with silver graphite composite contacts.

Shipboard Applications

Rotating components require special attention when they are designed to operate in a marine environment. EMC has designed and constructed a variety of assemblies for shipboard applications. The MK 86 fire control system slip rings incorporate a special epoxy paint system and stainless steel connectors to retard corrosion. Seals and gaskets are employed to prevent moisture from entering the assembly and insulating materials were selected for their resistance to water absorption and fungus growth. We have also designed and built slip ring assemblies for the Polaris and Trident submarine periscopes. In addition to all naval bronze construction, these units offer UHF coaxial circuits accommodating frequencies from D.C. to 1 gigahertz.

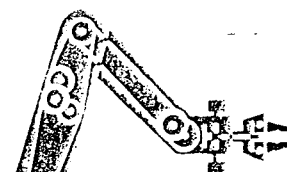
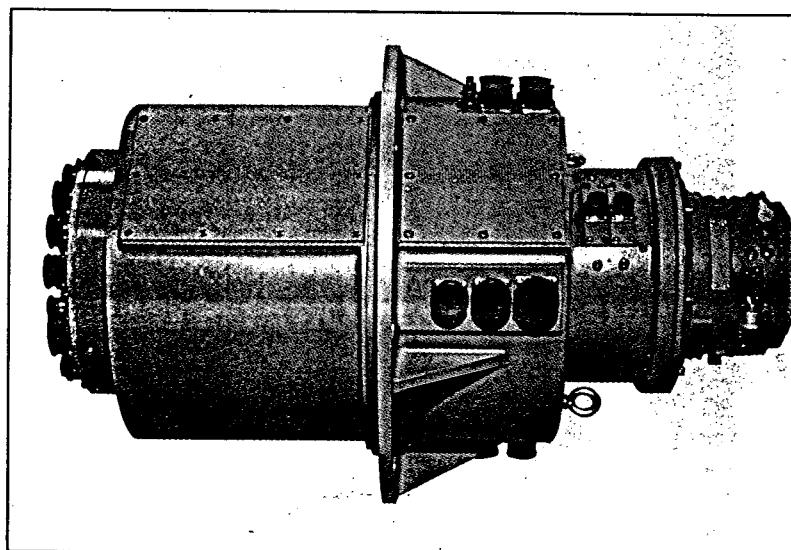
Other shipboard applications include cable reel slip ring assemblies. Mounted in cable reel hubs, these assemblies provide contact for high operating currents and voltages, as well as low level signals. Generally employed in survey and towed antenna applications, these assemblies meet strict marine requirements.

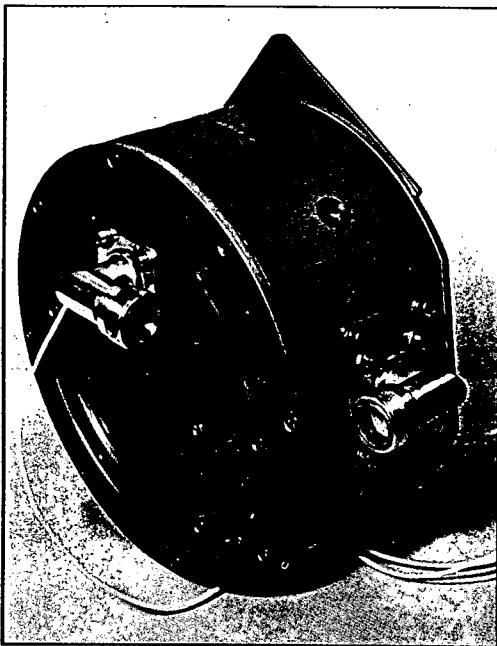


Pedestal Applications

Antenna pedestal slip rings include an assortment of control, data, logic, high frequency and power circuits. EMC pedestal slip rings are designed and built with these requirements in mind. Isolation requirements generally dictate shielding and special cabling. In some instances circuits are "boxed" to reduce crosstalk. We have successfully provided group to group isolation of -100dB and ring to ring isolation of -80 dB at 160 megahertz. Additional features such as VSWR of 1.1:1, phase shift of .5° maximum, and insertion loss of less than .1 dB can be provided.

Pedestal slip rings are designed to meet a variety of environmental requirements. High altitude and low temperature require special contact and bearing lubrication. Shock and vibration requirements demand structural integrity and the absence of any resonance. Salt, sand and noxious atmospheres dictate seals and gasketing with compatible materials. EMC designs every unit with these and other requirements in mind. Format or configuration may vary depending





upon space allotment. Platters with over 36 concentric rings on a single plane generate short unit lengths. Drum designs afford longer unit lengths with much smaller diameters. Various combinations of these configurations generate a broad range of capability to 1000 circuits.

Found in programs such as the AN/TPS-43/70, ASDE-3, Sea Sparrow, Bowlegs and C5A, EMC pedestal rings provide maximum transmission with minimal interference.

Vehicles and Helicopters

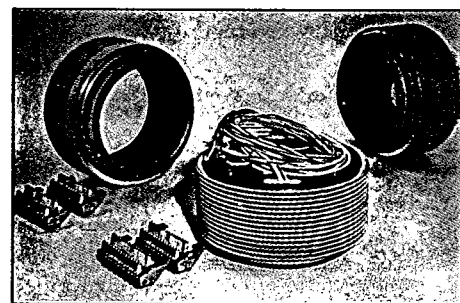
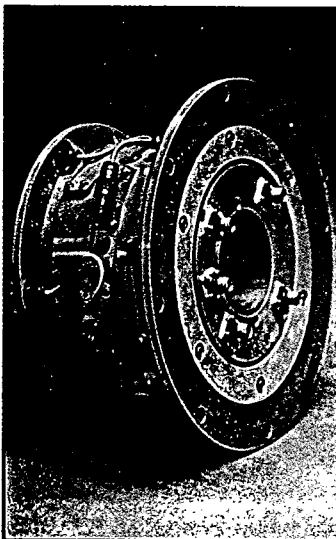
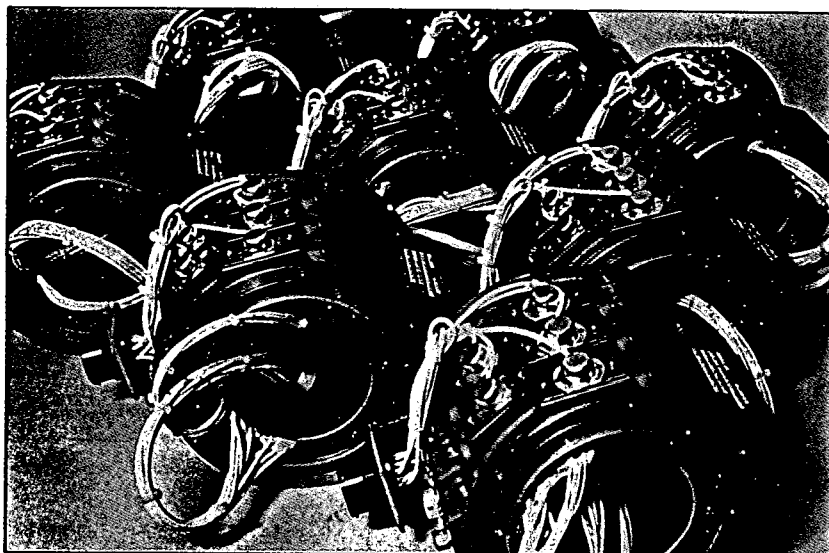
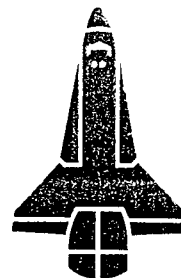
Vehicular slip ring assemblies provide a power and signal interface for the turrets of armored vehicles. They may also provide a passageway for breathable air and/or hydraulics. The combination of electrical, pneumatic and hydraulic slip rings in one package requires superior engineering and construction. Flow rates to 30 GPM at 2000 PSI have been achieved together with a low pressure air coupling to 6 PSI. In addition, construction is such that EMC slip rings will be unaffected by shock and vibration extremes encountered in armored vehicles.

Helicopter slip rings are located in the main and tail rotor sections of the aircraft and provide a path for blade indexing information and de-icing power requirements. Design features include long life at speeds of rotation to 1800 RPM and minimal susceptibility to vibration. EMC helicopter slip rings may include all stainless steel construction, mating gear drives, and extensive shielding.

Slip Ring Standards

Not all slip ring assemblies are specially designed and constructed. Today's market may require a cost effective assembly in less than two weeks. To satisfy this demand, we have a complete line of slip ring standards. Our open D07000 and AJ20000 series, and enclosed D04000 series, provide excellent reliability and performance at a modest price. Effective in temperature and stress analysis, packaging equipment, robotics, cameras, etc., these assemblies offer low noise, current carrying capacity to 40 amperes and speeds of rotation to 1500 RPM.

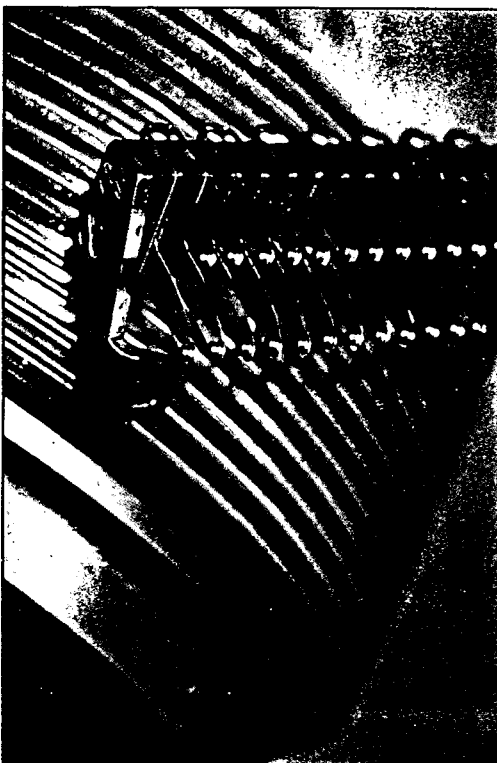
EMC also offers standard capsules and other assemblies for industry. Call or write for our standards literature.





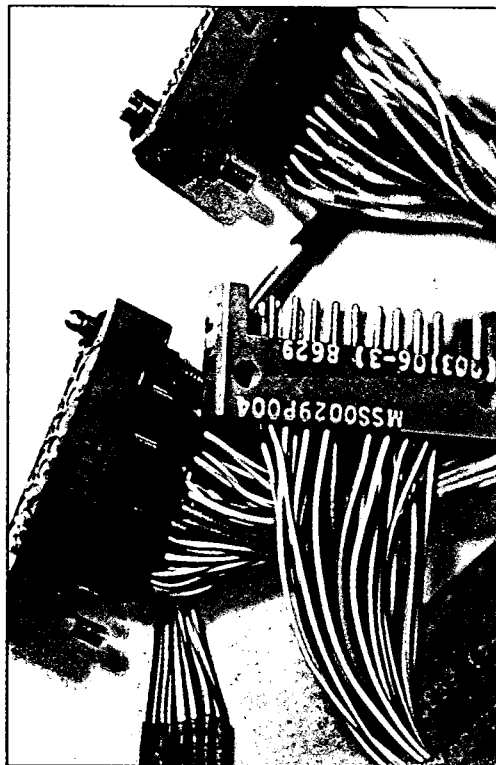
Special Applications

EMC manufactures slip rings for all special applications. High speed applications to 50,000 RPM may include brush lifters to increase brush life. Deep sea applications must withstand enormous hull pressures, while units submerged in liquids must incorporate compatible materials. Deep space and hard vacuum applications demand extended unit life requiring special ring and brush materials and/or lubrication. Whatever the application, we can supply the assembly you need.



Manufacturing Services

EMC also provides a wide range of manufacturing services. Years of precision assembly, metal working/finishing, welding/soldering, and plastic molding have made us an excellent source for manufacturing products to customer specifications.



EMC has produced test equipment for ultrasound diagnostic systems, machined latch assemblies for the Space Shuttle Program and provided gold plating consultation for the jewelry industry. If you require manufacturing services contact us directly to discuss your needs.

It is likely that more specific information may be required for your current or future projects. Please let us know how we can be of service to you.

EMC is located in the Meadowlands Industrial Complex of northern New Jersey. We can be easily reached from all three metropolitan airports. Call or write us with your requirements. We look forward to working with you in the near future.

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Moonachie New Jersey 07074

**INDUSTRIAL PRETREATMENT PROGRAM
WASTEWATER DISCHARGE**

CHAIN OF CUSTODY

Client Sample Identification	Analysis Required	Date/Time	Sample Type	Station Location	No. of Containers
EMC pH	pH		Grab	Plate Room Discharge	1
EMC Cyanide	Cyanide		Grab	Plate Room Discharge	1
EMC Cadmium	Cadmium		Grab	Plate Room Discharge	1
EMC Lead	Lead		Grab	Plate Room Discharge	1

METHOD OF SHIPMENT: HAND CARRIED

SAMPLED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
RELINQUISHED BY:	DATE / TIME	LABORATORY ENTRY:	DATE / TIME

Clearly Print Name and Sign

REMARKS